

Contents

Summary of Changes	1	ThinkCentre M700 Tiny (10HY) - TopSeller	70
ThinkCentre - Lenovo Quick Pick Accessories Photography	2	ThinkCentre M700 Tiny (10HY) - TopSeller - II	71
ThinkCentre - Lenovo Quick Pick Accessories	3	ThinkCentre M700 Tiny (10HY) - TopSeller - III	72
ThinkCentre Chromebox	4	ThinkCentre M700 Tiny (10HY) - TopSeller - IV	73
ThinkCentre Chromebox Platform Specifications	5	ThinkCentre M700 Tiny (10HY) - TopSeller - V	74
ThinkCentre Chromebox (10H3) - TopSeller.....	6	ThinkCentre M700 Tiny (10JQ) - Thin Client (TopSeller)	75
ThinkCentre Chromebox (10H5) - TopSeller.....	7	ThinkCentre M700 SFF	76
ThinkCentre Tiny-in-One 23	8	ThinkCentre M700 SFF Platform Specifications	77
ThinkCentre Tiny-in-One (TIO) 23	9	ThinkCentre M700 SFF (10GT) - TopSeller	78
ThinkCentre M32 Thin Client	10	ThinkCentre M700 SFF (10GT) - TopSeller - II	79
ThinkCentre M32 (10BV) - Thin Client (TopSeller) - 1-year depot	11	ThinkCentre M700 SFF (10GT) - TopSeller - III	80
ThinkCentre M32 (10BV) - Thin Client (TopSeller) - 1-year onsite	12	ThinkCentre M700 Tower	81
ThinkCentre M32 (10BV) - Thin Client (TopSeller) - 3-year onsite	13	ThinkCentre M700 Tower Platform Specifications.....	82
ThinkCentre M32 (10BM) - Thin Client (1-year depot).....	14	ThinkCentre M700 Tower (10GR) - TopSeller	83
ThinkCentre M32 (10BM) - Thin Client (1-year onsite)	15	ThinkCentre M700 Tower (10GR) - TopSeller - II	84
ThinkCentre M32 (10BM) - Thin Client (3-year onsite)	16	ThinkCentre M700 Tower (10GR) - TopSeller - III	85
ThinkCentre M32 (10BM) - Thin Client (OID).....	17	ThinkCentre M73z All-In-One	86
ThinkCentre M53 Tiny	18	ThinkCentre M73z (10BC) - TopSeller (1-year Onsite)	87
ThinkCentre M53 Tiny Platform Specifications	19	ThinkCentre M73z (10BC) - TopSeller	88
ThinkCentre M53 Tiny (10DC) - TopSeller	20	ThinkCentre M73z (10BC) - TopSeller - II	89
ThinkCentre M53 Tiny (10DE) - TopSeller	21	ThinkCentre M73z (10BC) - TopSeller - III	90
ThinkCentre M53 Tiny (10ED) - Thin Client (TopSeller).....	22	ThinkCentre M73z (10BC) - TopSeller - IV	91
ThinkCentre M53 Tiny (10DB)	23	ThinkCentre M73z (10BC) - TopSeller (Win8).....	92
ThinkCentre M53 Tiny (10DD)	24	ThinkCentre M73z (10BC) - TopSeller (Win10).....	93
ThinkCentre M53 Tiny (10DX) - TIO models	25	ThinkCentre M73z (10BB)	94
ThinkCentre M53 Tiny (10EC) - Thin Client	26	ThinkCentre M73z (10BB) - II	95
ThinkCentre M600 Tiny	27	ThinkCentre M73z (10BB) - OID	96
ThinkCentre M600 Tiny Platform Specifications	28	ThinkCentre M73z (10BB) - OID (Win8/8.1)	97
ThinkCentre M600 Tiny (10GB) - TopSeller	29	ThinkCentre M73z (10BB) - OID (Win10)	98
ThinkCentre M600 Tiny (10G9) - TopSeller.....	30	ThinkCentre M700z All-In-One	99
ThinkCentre M600 Tiny (10KH) - Thin Client (TopSeller).....	31	ThinkCentre M700z Platform Specifications	100
ThinkCentre M73 Tiny, Small, Mini Tower	32	ThinkCentre M700z (10EY) - TopSeller	101
ThinkCentre M73 Tiny, Small, Mini Tower - II	33	ThinkCentre M700z (10EY) - TopSeller - II	102
ThinkCentre M73 Tiny (10AY) - Thin Client (TopSeller)	34	ThinkCentre M78 Small and Tower	103
ThinkCentre M73 Tiny (10DL) - Thin Client (TopSeller)	35	ThinkCentre M78 Small (10BU) - TopSeller	104
ThinkCentre M73 Tiny (10AY) - TopSeller	36	ThinkCentre M78 Tower (10BR) - TopSeller	105
ThinkCentre M73 Tiny (10AY) - TopSeller - II	37	ThinkCentre M78 Small (10BT) - 1-year onsite.....	106
ThinkCentre M73 Tiny (10AY) - TopSeller - III	38	ThinkCentre M78 Small (10BT)	107
ThinkCentre M73 Tiny (10AY) - TopSeller - IV	39	ThinkCentre M78 Small (10BS) - ES 5.2	108
ThinkCentre M73 Tiny (10AY) - TopSeller - V.....	40	ThinkCentre M78 Small (10BS) - ES 5.2 (OID)	109
ThinkCentre M73 Small (10B6) - TopSeller.....	41	ThinkCentre M78 Tower (10BQ).....	110
ThinkCentre M73 Small (10B6) - TopSeller - II	42	ThinkCentre M78 Tower (10BQ) - II	111
ThinkCentre M73 Small (10B6) - TopSeller - III	43	ThinkCentre M78 Tower (10BN) - ES 5.2 (Windows 8).....	112
ThinkCentre M73 Small (10B5) - ES 6.0 (TopSeller)	44	ThinkCentre M78 Tower (10BN) - ES 5.2 (OID).....	113
ThinkCentre M73 Small (10B5) - ES 6.0 (TopSeller) - II	45	ThinkCentre M78 Accessories	114
ThinkCentre M73 Mini Tower (10B0) - TopSeller.....	46	ThinkCentre M79 SFF and Tower	115
ThinkCentre M73 Mini Tower (10B0) - TopSeller - II.....	47	ThinkCentre M79 SFF Platform Specifications	116
ThinkCentre M73 Mini Tower (10B2) - ES 6.0 (TopSeller)	48	ThinkCentre M79 Tower Platform Specifications.....	117
ThinkCentre M73 Mini Tower (10B2) - ES 6.0 (TS) - Win 10	49	ThinkCentre M79 SFF (10CV) - TopSeller	118
ThinkCentre M73 Tiny (10AX) - Thin Client	50	ThinkCentre M79 SFF (10JB) - TopSeller	119
ThinkCentre M73 Tiny (10DK) - Thin Client	51	ThinkCentre M79 SFF (10JB) - TopSeller - II	120
ThinkCentre M73 Tiny (10AX).....	52	ThinkCentre M79 Tower (10CN) - TopSeller.....	121
ThinkCentre M73 Tiny (10AX) - II	53	ThinkCentre M79 Tower (10J7) - TopSeller	122
ThinkCentre M73 Tiny (10AX) - III	54	ThinkCentre M79 Tower (10J7) - TopSeller - II.....	123
ThinkCentre M73 Tiny (10AX) - 1-year depot	55	ThinkCentre M79 SFF (10CT)	124
ThinkCentre M73 Tiny (10AX) - OID	56	ThinkCentre M79 SFF (10CW)	125
ThinkCentre M73 Tiny (10AX) - OID - II.....	57	ThinkCentre M79 Tower (10CQ)	126
ThinkCentre M73 Tiny (10DM) - TIO (OID).....	58	ThinkCentre M79 Tower (10CS).....	127
ThinkCentre M73 Small (10B7).....	59	ThinkCentre M83 Tiny	128
ThinkCentre M73 Small (10B4) - ES 6.0.....	60	ThinkCentre M83 Tiny Platform Specifications	129
ThinkCentre M73 Small (10B4) - ES 6.0 - II	61	ThinkCentre M83 Tiny (10E9) - TopSeller	130
ThinkCentre M73 Small (10B4) - ES 6.0 (OID).....	62	ThinkCentre M83 Tiny (10E9) - TopSeller II	131
ThinkCentre M73 Small (10B4) - ES 6.0 (OID) - II	63	ThinkCentre M83 Tiny (10E8)	132
ThinkCentre M73 Mini Tower (10B3).....	64	ThinkCentre M83 Small Pro, Mini Tower	133
ThinkCentre M73 Mini Tower (10B1) - ES 6.0 (OID).....	65	ThinkCentre M83 SFF Pro (10AM) - TopSeller	134
ThinkCentre M73 Mini Tower (10B1) - ES 6.0 (OID) - Win 10.....	66	ThinkCentre M83 SFF Pro (10AM) - TopSeller - II	135
ThinkCentre M73 Mini Tower (10B1) - ES 6.0 (Win 10)	67	ThinkCentre M83 SFF Pro (10AM) - TopSeller - III	136
ThinkCentre M700 Tiny	68	ThinkCentre M83 Mini Tower (10AL) - TopSeller.....	137
ThinkCentre M700 Tiny Platform Specifications	69	ThinkCentre M83 Mini Tower (10AL) - TopSeller - II.....	138

Contents

ThinkCentre M83 Mini Tower (10AL) - TopSeller - III.....	139	ThinkCentre M93z (10AF) - TopSeller.....	208
ThinkCentre M83 SFF Pro (10AN)	140	ThinkCentre M93z (10AF) - TopSeller - II	209
ThinkCentre M83 SFF Pro (10AH) - ES 6.0.....	141	ThinkCentre M93z (10AD) - Multi-touch (TopSeller) - 1-year onsite	210
ThinkCentre M83 SFF Pro (10AH) - ES 6.0 (OID).....	142	ThinkCentre M93z (10AD) - Multi-touch (TopSeller)	211
ThinkCentre M83 Mini Tower (10AK)	143	ThinkCentre M93z (10AD) - Multi-touch (TopSeller) - II	212
ThinkCentre M83 Mini Tower (10AK) - II	144	ThinkCentre M93z (10AD) - Multi-touch (TopSeller) - III	213
ThinkCentre M83 Mini Tower (10AG) - ES 6.0	145	ThinkCentre M93z (10AD) - Multi-touch (TopSeller) - IV	214
ThinkCentre M83 Mini Tower (10AG) - ES 6.0 (Windows 8)	146	ThinkCentre M93z (10AD) - Multi-touch (TopSeller) - V.....	215
ThinkCentre M83 Mini Tower (10AG) - ES 6.0 (OID)	147	ThinkCentre M93z (10AD) - Multi-touch (TopSeller) - Windows 8	216
ThinkCentre M800 SFF.....	148	ThinkCentre M93z (10AD) - Multi-touch (TopSeller) - Windows 8.1	217
ThinkCentre M800 SFF Platform Specifications	149	ThinkCentre M93z (10AE)	218
ThinkCentre M800 SFF (10FY) - TopSeller.....	150	ThinkCentre M93z (10AE) - II	219
ThinkCentre M800 SFF (10FY) - TopSeller - II	151	ThinkCentre M93z (10AE) - OID	220
ThinkCentre M800 SFF (10FY) - TopSeller - III	152	ThinkCentre M93z (10AE) - OID (Windows 8/8.1).....	221
ThinkCentre M800 Mini Tower	153	ThinkCentre M93z (10AC) - Multi-touch	222
ThinkCentre M800 Tower Platform Specifications.....	154	ThinkCentre M93z (10AC) - Multi-touch - II	223
ThinkCentre M800 Mini Tower (10FW) - TopSeller.....	155	ThinkCentre M93z (10AC) - Multi-touch - III	224
ThinkCentre M800 Mini Tower (10FW) - TopSeller - II	156	ThinkCentre M93z (10AC) - Multi-touch (Windows 8).....	225
ThinkCentre M800z All-In-One.....	157	ThinkCentre M93z (10AC) - Multi-touch (OID).....	226
ThinkCentre M800z Platform Specifications	158	ThinkCentre M93z (10AC) - Multi-touch (OID) - Windows 8/8.1	227
ThinkCentre M800z (10EU) - TopSeller	159	ThinkCentre M900z All-In-One.....	228
ThinkCentre M800z (10EU) - TopSeller - II	160	ThinkCentre M900z Platform Specifications	229
ThinkCentre M800z (10ET) - TopSeller.....	161	ThinkCentre M900z (10F3) - TopSeller.....	230
ThinkCentre M800z (10ET) - TopSeller - II	162	ThinkCentre M900z (10F2) - TopSeller	231
ThinkCentre M93/M93p Tiny, Small Pro, Mini Tower	163	ThinkCentre M900z (10F2) - TopSeller - II.....	232
ThinkCentre M93/M93p Tiny, Small Pro, Mini Tower - II.....	164	ThinkCentre X1	233
ThinkCentre M93p Tiny (10AB) - TopSeller I.....	165	ThinkCentre X1 Platform Specifications	234
ThinkCentre M93p Tiny (10AB) - TopSeller II.....	166	ThinkCentre X1 (10KE) - TopSeller.....	235
ThinkCentre M93p Tiny (10AB) - TopSeller III.....	167	ThinkCentre Edge 62z	236
ThinkCentre M93p Tiny (10AB) - TopSeller IV	168	ThinkCentre Edge 62z (2117) - TopSeller.....	237
ThinkCentre M93p Tiny (10AB) - TopSeller V	169	ThinkCentre E63z All-In-One	238
ThinkCentre M93p Tiny (10AB) - TopSeller VI	170	ThinkCentre E63z Platform Specifications.....	239
ThinkCentre M93p SFF Pro (10A9) - TopSeller - I	171	ThinkCentre E63z (10D4) - TopSeller	240
ThinkCentre M93p SFF Pro (10A9) - TopSeller - II	172	ThinkCentre E63z (10D6) - Multi-touch (TopSeller)	241
ThinkCentre M93p SFF Pro (10A9) - TopSeller - III	173	ThinkCentre E63z (10E0) - TopSeller	242
ThinkCentre M93p SFF Pro (10A9) - TopSeller - IV.....	174	ThinkCentre E63z (10E2) - Multi-touch (TopSeller)	243
ThinkCentre M93p Mini Tower (10A7) - TopSeller.....	175	ThinkCentre E63z (10D5)	244
ThinkCentre M93p Mini Tower (10A7) - TopSeller - II.....	176	ThinkCentre E63z (10D7) - Multi-touch	245
ThinkCentre M93p Tiny (10AA) - 1 Year Depot.....	177	ThinkCentre E63z (10E1)	246
ThinkCentre M93p Tiny (10AA).....	178	ThinkCentre E63z (10E3) - Multi-touch	247
ThinkCentre M93p Tiny (10AA) - OID	179	ThinkCentre E73 SFF and Tower	248
ThinkCentre M93p Tiny (10AA) - OID - II.....	180	ThinkCentre E73 SFF (10AU) - TopSeller.....	249
ThinkCentre M93p Tiny (10AA) - OID - III.....	181	ThinkCentre E73 Tower (10AS) - TopSeller.....	250
ThinkCentre M93p Tiny (10DH) - OID (TIO models).....	182	ThinkCentre E93z All-In-One	251
ThinkCentre M93p SFF Pro (10A8)	183	ThinkCentre E93z All-In-One - II.....	252
ThinkCentre M93p SFF Pro (10A8) - II.....	184	ThinkCentre E93z (10B8) - TopSeller	253
ThinkCentre M93p SFF Pro (10A8) - OID.....	185	ThinkCentre E93z (10B9) - NVIDIA (TopSeller).....	254
ThinkCentre M93p SFF Pro (10A8) - OID (win10).....	186	ThinkCentre E93z (10BA) - Multi-touch (NVIDIA) - TopSeller.....	255
ThinkCentre M93p Mini Tower (10A6).....	187	ThinkCentre E93z (10BA) - Multi-touch (NVIDIA) - TopSeller (Win8)	256
ThinkCentre M93p Mini Tower (10A6) - II.....	188	ThinkCentre E93z (10BH)	257
ThinkCentre M93p Mini Tower (10A6) - OID	189	ThinkCentre E93z (10BK) - Multi-touch (NVIDIA).....	258
ThinkCentre M93p Mini Tower (10A6) - OID (Win10).....	190	ThinkCentre - TopSeller Services.....	259
ThinkCentre M900 Tiny.....	191	ThinkCentre - Lenovo Services.....	260
ThinkCentre M900 Tiny Platform Specifications	192	Withdrawn Product Books.....	261
ThinkCentre M900 Tiny (10FM) - TopSeller	193	Legal Information and Trademarks	262
ThinkCentre M900 Tiny (10FM) - TopSeller - II	194		
ThinkCentre M900 Tiny (10FM) - TopSeller - III	195		
ThinkCentre M900 Tiny (10FM) - TopSeller - IV.....	196		
ThinkCentre M900 SFF.....	197		
ThinkCentre M900 SFF Platform Specifications	198		
ThinkCentre M900 SFF (10FH) - TopSeller	199		
ThinkCentre M900 SFF (10FH) - TopSeller - II	200		
ThinkCentre M900 SFF (10FH) - TopSeller - III	201		
ThinkCentre M900 Mini Tower	202		
ThinkCentre M900 Mini Tower Platform Specifications.....	203		
ThinkCentre M900 Mini Tower (10FD) - TopSeller	204		
ThinkCentre M900 Mini Tower (10FD) - TopSeller - II	205		
ThinkCentre M93z All-In-One.....	206		
ThinkCentre M93z (10AF) - TopSeller (1-year onsite).....	207		

Summary of Changes

This section describes the technical changes made in this edition.

This edition might also include minor corrections and editorial changes which are not identified.

April 6, 2016 - Version 487

Additions in this update

▶ **New model(s)**

ThinkCentre M800z AIO announced April 2016

ThinkCentre M900z AIO announced April 2016

Recently Launched Think Accessories



ThinkPad Compact Bluetooth Keyboard with Trackpoint
(PN: 0B47189)



Lenovo Wireless TouchPad for Windows 8
(PN: 0A33909)



ThinkPad Noise Cancelling Earbuds
(PN: 0B47313)

Additional Think Accessories



ThinkPad USB 3.0 Portable Secure HDD (500GB , 750GB, 1TB)
(PN: 0A65619, 0A65616, 0A65621)



Kensington MicroSaver Security Cable Lock from Lenovo
(PN: 73P2582)



Lenovo Ultralim Wireless Keyboard and Mouse Combo
(PN: 0A34032)

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DO MACHINE

Lenovo Quick Pick (<http://www.lenovoquickpick.com/>) is an options compatibility configurator for Lenovo systems.

For more information on the various ThinkCentre systems, please see below :

<p><u>ThinkCentre M32</u> M32 Thin Client 10BM/10BV www.lenovoquickpick.com/usa/system/thinkcentre/m-series/m32-thin-client</p>	<p><u>ThinkCentre M73z</u> M73z AIO 10BB/10BC www.lenovoquickpick.com/usa/system/thinkcentre/m-series/m73z-aio</p>
<p><u>ThinkCentre M73</u> M73 Tiny 10AX/10AY www.lenovoquickpick.com/usa/system/thinkcentre/m-series/m73-tiny M73 Small 10B4/10B5/10B6/10B7 www.lenovoquickpick.com/usa/system/thinkcentre/m-series/m73-sff M73 Tower 10B0/10B1/10B2/10B3 www.lenovoquickpick.com/usa/system/thinkcentre/m-series/m73-tower</p>	<p><u>ThinkCentre M93z</u> M93z AIO 10AC/10AD/10AE/10AF www.lenovoquickpick.com/usa/system/thinkcentre/m-series/m93z-aio <u>ThinkCentre Edge 62z</u> Edge 62z AIO 2117 www.lenovoquickpick.com/usa/system/thinkcentre/e-series/edge-62z-aio</p>
<p><u>ThinkCentre M78</u> M78 Small 10BS/10BT/10BU www.lenovoquickpick.com/usa/system/thinkcentre/m-series/m78-sff M78 Tower 10BN/10BQ/10BR www.lenovoquickpick.com/usa/system/thinkcentre/m-series/m78-tower</p>	<p><u>ThinkCentre E63z</u> E63z AIO 10D4/10D5/10D6/10D7 www.lenovoquickpick.com/usa/system/thinkcentre/e-series/e63z-aio <u>ThinkCentre E93z</u> E93z AIO 10B8/10B9/10BA/10BH/10BJ/10BK www.lenovoquickpick.com/usa/system/thinkcentre/e-series/e93z-aio</p>
<p><u>ThinkCentre M79</u> M79 Small 10CT/10CU/10CV/10CW www.lenovoquickpick.com/usa/system/thinkcentre/m-series/m79-sff M79 Tower 10CN/10CQ/10CR/10CS www.lenovoquickpick.com/usa/system/thinkcentre/m-series/m79-tower</p>	
<p><u>ThinkCentre M83</u> M83 Small 10AH/10AJ/10AM/10AN www.lenovoquickpick.com/usa/system/thinkcentre/m-series/m83-sff M83 Tower 10AG/10AK/10AL/10BE www.lenovoquickpick.com/usa/system/thinkcentre/m-series/m83-tower</p>	
<p><u>ThinkCentre M93/M93p</u> M93/M93p Tiny 10A4/10A5/10AA/10AB www.lenovoquickpick.com/usa/system/thinkcentre/m-series/m93-m93p-tiny M93/M93p Small 10A2/10A3/10A8/10A9 www.lenovoquickpick.com/usa/system/thinkcentre/m-series/m93-m93p-sff M93/M93p Tower 10A0/10A1/10A6/10A7 www.lenovoquickpick.com/usa/system/thinkcentre/m-series/m93-m93p-tower</p>	
<p><u>ThinkCentre E73</u> E73 Small 10AU/10AW/10BF/10BG www.lenovoquickpick.com/usa/system/thinkcentre/e-series/e73-sff E73 Tower 10AS/10AV www.lenovoquickpick.com/usa/system/thinkcentre/e-series/e73-tower</p>	



ThinkCentre Chromebox with optional Keyboard/mouse and monitor



ThinkCentre Chromebox



ThinkCentre Chromebox



ThinkCentre Chromebox



ThinkCentre Chromebox with TIO 23



ThinkCentre Chromebox

ThinkCentre Chromebox Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron® or 4th Generation Intel Core™ i3 Processor						Keyboard	Some: USB Keyboard (compatible with Chrome OS), Lenovo logo	
	Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics	Mouse	Some: Enhanced Optical USB Mouse, black, Lenovo logo	
	Celeron 3205U	2 / 2	1.50 GHz	2MB	DDR3L-1600	Intel HD	Mechanical	Tiny (1L), business black color; metal case, compatible with TIO 23	
	Celeron 3215U	2 / 2	1.70 GHz	2MB	DDR3L-1600	Intel HD		Chromebox only	7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.1 lb (0.95 kg), weight may vary by configuration
	Core i3-5005U	2 / 4	2.00 GHz	3MB	DDR3L-1600	Intel HD 5500			
* System-on-Chip (SoC) solution, integrates Intel processor core, Graphics, Memory Controller, and I/O interfaces						VESA mount	None		
Memory	<i>Celeron models:</i> 4GB max / DDR3 Low Voltage, DDR3L-1600, non-parity, one 204-pin SO-DIMM socket; <i>Core i3 models:</i> 8GB max / DDR3 Low Voltage, DDR3L-1600, non-parity, two 204-pin SO-DIMM sockets						Floor Stand	Optional system floor stand for vertical orientation	
Disk	M.2 Solid State Drive (SSD), SATA 6.0Gb/s						Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)	
Optical	None						Limited warranty ³	1-year, depot service / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>	
Onboard SATA	None						Preload	Chrome OS	
Media reader	None						Environment	ENERGY STAR® 6.0; EPEAT™ Gold rating (U.S.); GREENGUARD®; ErP Lot 3; RoHS-compliant	
Graphics	Intel HD Graphics or Intel HD Graphics 5500 , in processor, uses main memory, DirectX® 11, one DisplayPort™, one HDMI, supports dual independent display; <i>Max resolution:</i> 1920x1080 (DP) @60Hz; 1920x1080 (HDMI) @60Hz						Accessories	For compatible accessories, please go to TC-AQP sheet	
DP cable	None								
Chipset	Intel System-on-Chip (SoC) platform								
Front ports	Two USB 3.0 (supports Always On), one headphone / microphone combo jack (stereo, 3.5mm)								
Rear ports	Two USB 3.0, ethernet (RJ-45), HDMI, DisplayPort								
I/O box	None								
Audio support	High Definition (HD) Audio, Realtek ALC233 / no internal speaker								
WLAN ¹³	11ac/a/b/g/n wireless, M.2 Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo 4.0 adapter, 2x2								
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								
Ethernet	One gigabit ethernet port, Realtek RTL8111G, Wake on LAN®								
Modem	None								
Security chip	Trusted Platform Module, TCG 1.2-compliant								
Security features	Security slot (in rear for optional Kensington® MicroSaver® cable)								

See footnotes for more detailed information

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(TDS1-Spec) January 2016

ThinkCentre Chromebox (10H3) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Graphics	Memory	Storage	External optical / I/O box	WLAN	DP Cable	Optional port	Chassis intrusion switch	Floor Stand	VESA mount	Keyboard/ Mouse	Internal Speaker	Kensington cable lock	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10H30000US	i3-5005U	Intel HD 5500	4GBx1	16GB SSD M.2	None	7260 ac	None	None	None	None	None	USB/USB	None	None	Chrome OS	1-depot	No	05/15
10H30002US	i3-5005U	Intel HD 5500	2GBx1	16GB SSD M.2	None	7260 ac	None	None	None	None	None	USB/USB	None	None	Chrome OS	1-depot	No	05/15

• For detailed platform specifications, please see [ThinkCentre Chromebox Platform Specifications sheet](#)

Processor	Intel® Celeron® or 4th Generation Intel Core™ i3 Processor						Security chip	Trusted Platform Module, TCG 1.2-compliant
	Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics	Security features	Security slot (in rear for optional Kensington® MicroSaver® cable)
	Celeron 3205U	2 / 2	1.50 GHz	2MB	DDR3L-1600	Intel HD	Keyboard Mouse	<i>Some:</i> USB Keyboard (compatible with Chrome OS), Lenovo logo <i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo
	Celeron 3215U	2 / 2	1.70 GHz	2MB	DDR3L-1600	Intel HD	Mechanical	Tiny (1L), business black color; metal case, compatible with TIO 23 Chromebox only 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.1 lb (0.95 kg), weight may vary by configuration
Core i3-5005U	2 / 4	2.00 GHz	3MB	DDR3L-1600	Intel HD 5500			
* System-on-Chip (SoC) solution, integrates Intel processor core, Graphics, Memory Controller, and I/O interfaces								
Memory	<i>Celeron models:</i> 4GB max / DDR3 Low Voltage, DDR3L-1600, non-parity, one 204-pin SO-DIMM socket; <i>Core i3 models:</i> 8GB max / DDR3 Low Voltage, DDR3L-1600, non-parity, two 204-pin SO-DIMM sockets						VESA mount	None
Disk	M.2 Solid State Drive (SSD), SATA 6.0Gb/s						Floor Stand	Optional system floor stand for vertical orientation
Optical	None						Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)
Onboard SATA	None						Limited warranty ³	1-year, depot service / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>
Media reader	None						Preload	Chrome OS
Graphics	Intel HD Graphics or Intel HD Graphics 5500, in processor, uses main memory, DirectX® 11, one DisplayPort™, one HDMI, supports dual independent display; <i>Max resolution:</i> 1920x1080 (DP)@60Hz; 1920x1080 (HDMI)@60Hz						Environment	ENERGY STAR® 6.0; EPEAT™ Gold rating (U.S.); GREENGUARD®; ErP Lot 3; RoHS-compliant
DP cable	None						Accessories	For compatible accessories, please go to TC-AQP sheet
Chipset	Intel System-on-Chip (SoC) platform							
Front ports	Two USB 3.0 (supports Always On), one headphone / microphone combo jack (stereo, 3.5mm)							
Rear ports	Two USB 3.0, ethernet (RJ-45), HDMI, DisplayPort							
I/O box	None							
Audio support	High Definition (HD) Audio, Realtek ALC233 / no internal speaker							
WLAN ¹³	11ac/a/b/g/n wireless, M.2 Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo 4.0 adapter, 2x2							
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter							
Ethernet	One gigabit ethernet port, Realtek RTL8111G, Wake on LAN®							
Modem	None							

See footnotes for more detailed information

ThinkCentre Chromebox (10H5) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Graphics	Memory	Storage	External optical / I/O box	WLAN	DP Cable	Optional port	Chassis intrusion switch	Floor Stand	VESA mount	Keyboard/ Mouse	Internal Speaker	Kensington cable lock	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10H50003US	Cel 3205U	Intel HD	4GBx1	16GB SSD M.2	None	7260 ac	None	None	None	None	None	USB/USB	None	None	Chrome OS	1-depot	No	05/15
10H50005US	Cel 3205U	Intel HD	2GBx1	16GB SSD M.2	None	7260 ac	None	None	None	None	None	USB/USB	None	None	Chrome OS	1-depot	No	05/15

• For detailed platform specifications, please see [ThinkCentre Chromebox Platform Specifications sheet](#)

Processor	Intel® Celeron® or 4th Generation Intel Core™ i3 Processor						Security chip	Trusted Platform Module, TCG 1.2-compliant
	Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics	Security features	Security slot (in rear for optional Kensington® MicroSaver® cable)
	Celeron 3205U	2 / 2	1.50 GHz	2MB	DDR3L-1600	Intel HD	Keyboard Mouse	<i>Some:</i> USB Keyboard (compatible with Chrome OS), Lenovo logo <i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo
	Celeron 3215U	2 / 2	1.70 GHz	2MB	DDR3L-1600	Intel HD	Mechanical	Tiny (1L), business black color; metal case, compatible with TIO 23 Chromebox only 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.1 lb (0.95 kg), weight may vary by configuration
Core i3-5005U	2 / 4	2.00 GHz	3MB	DDR3L-1600	Intel HD 5500			
* System-on-Chip (SoC) solution, integrates Intel processor core, Graphics, Memory Controller, and I/O interfaces								
Memory	<i>Celeron models:</i> 4GB max / DDR3 Low Voltage, DDR3L-1600, non-parity, one 204-pin SO-DIMM socket; <i>Core i3 models:</i> 8GB max / DDR3 Low Voltage, DDR3L-1600, non-parity, two 204-pin SO-DIMM sockets						VESA mount	None
Disk	M.2 Solid State Drive (SSD), SATA 6.0Gb/s						Floor Stand	Optional system floor stand for vertical orientation
Optical	None						Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)
Onboard SATA	None						Limited warranty ³	1-year, depot service / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>
Media reader	None						Preload	Chrome OS
Graphics	Intel HD Graphics or Intel HD Graphics 5500, in processor, uses main memory, DirectX® 11, one DisplayPort™, one HDMI, supports dual independent display; <i>Max resolution:</i> 1920x1080 (DP)@60Hz; 1920x1080 (HDMI)@60Hz						Environment	ENERGY STAR® 6.0; EPEAT™ Gold rating (U.S.); GREENGUARD®; ErP Lot 3; RoHS-compliant
DP cable	None						Accessories	For compatible accessories, please go to TC-AQP sheet
Chipset	Intel System-on-Chip (SoC) platform							
Front ports	Two USB 3.0 (supports Always On), one headphone / microphone combo jack (stereo, 3.5mm)							
Rear ports	Two USB 3.0, ethernet (RJ-45), HDMI, DisplayPort							
I/O box	None							
Audio support	High Definition (HD) Audio, Realtek ALC233 / no internal speaker							
WLAN ¹³	11ac/a/b/g/n wireless, M.2 Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo 4.0 adapter, 2x2							
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter							
Ethernet	One gigabit ethernet port, Realtek RTL8111G, Wake on LAN®							
Modem	None							

See footnotes for more detailed information



ThinkCentre TIO 23



ThinkCentre TIO 23 with optional 9.5mm ODD



ThinkCentre TIO 23 with optional Tiny



ThinkCentre TIO 23



ThinkCentre TIO 23 with optional 9.5mm ODD



3-in-1 cable
(USB / DP / Power)

ThinkCentre Tiny-in-One (TIO) 23

Product Specifications Reference (PSREF)

Model	10DQPAR6US			Mounting features	Wall or desk mounting using the extend arm or third-party accessories meeting the VESA FPMPI® (100mm mount) <i>Tilt: 35° back, -5° forward; lift: 4.3" (110mm); swivel: +/-45°</i>			
Form factor	Tiny-in-One, offers a full All-In-One experience when optional Tiny slots into the back of TIO 23, clean cabling and effortless setup			Adjustable stand				
Compatible Tiny:	M93/p Tiny, M83 Tiny, M73 Tiny, or M53 Tiny * Processor, memory, storage, operating system, WLAN, Bluetooth, Keyboard, mouse, etc., depend on the Tiny installed (optional)			Power supply	90 watts AC/DC adapter, 88% PSU, universal			
Panel	TFT-LCD, twisted nematic (TN), White LED backlight			Power consumption	22 watts typical, 45 watts maximum, <0.5 watts standby / suspend			
Viewable image size	23.0" (584.2mm) diagonal			Limited warranty ³	3-years , Customer Carry-In Exchange (CCE) via Rapid Replacement, IWS (International Warranty Service ³) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>			
Max view area (W x H)	20.05" x 11.28" / 509.2mm x 286.4mm			VESA-compliant ²	VESA DDC2B/CI, VESA DPMS-compliant			
Optimum resolution	1920x1080			Ergonomics	ISO 9241-307			
Aspect ratio	16:9			Emission standards	MPR-2, FCC Class B			
Pixel pitch (mm)	.265mm			Environmental	TCO (TCO Certified Edge 1.1), WEEE, RoHS, ENERGY STAR® 6.0 EPEAT™ Gold rating, ULE, TUV			
Dot/Pixel per Inch	96 dpi			Windows certifications	Windows 7, Windows 8, and Windows 8.1 certified			
Brightness	250 nits or cd/m ² (typical)			Ship group	TIO 23 (Monitor), detachable stand, Information flyer, Reference and driver CD, AC/DC power adapter, power cord, quickly-released screw			
Contrast ratio	1000:1 (typical)			Accessories	For compatible accessories, please go to TC-AQP sheet			
Pixel response time	5ms (typical)							
Color gamut	72%							
Anti-reflective	Anti-glare							
Horizontal frequency	30 to 83kHz							
Vertical frequency	50 to 75Hz							
Viewing angle at 10:1	CR170° (+/- 85°) horizontal, 160° (+/- 80°) vertical							
Preset resolutions	640x350 @ 70Hz 640x480 @ 60Hz, 66Hz, 72Hz, 75Hz 720x400 @ 70Hz 800x600 @ 60Hz, 72Hz, 75Hz 1024x768 @ 60Hz, 70Hz, 75Hz 1152x864 @ 75Hz 1280x800 @ 60Hz 1280x1024 @ 60Hz, 72Hz, 75Hz 1366x768 @ 60Hz 1440x900 @ 60Hz, 75Hz 1600x1200 @ 60Hz, 70Hz, 75Hz 1680x1050 @ 60Hz 1920x1080 @ 60Hz							
Preset resolutions	640x350 @ 70Hz 640x480 @ 60Hz, 66Hz, 72Hz, 75Hz 720x400 @ 70Hz 800x600 @ 60Hz, 72Hz, 75Hz 1024x768 @ 60Hz, 70Hz, 75Hz 1152x864 @ 75Hz 1280x800 @ 60Hz 1280x1024 @ 60Hz, 72Hz, 75Hz 1366x768 @ 60Hz 1440x900 @ 60Hz, 75Hz 1600x1200 @ 60Hz, 70Hz, 75Hz 1680x1050 @ 60Hz 1920x1080 @ 60Hz							
Preset resolutions	640x350 @ 70Hz 640x480 @ 60Hz, 66Hz, 72Hz, 75Hz 720x400 @ 70Hz 800x600 @ 60Hz, 72Hz, 75Hz 1024x768 @ 60Hz, 70Hz, 75Hz 1152x864 @ 75Hz 1280x800 @ 60Hz 1280x1024 @ 60Hz, 72Hz, 75Hz 1366x768 @ 60Hz 1440x900 @ 60Hz, 75Hz 1600x1200 @ 60Hz, 70Hz, 75Hz 1680x1050 @ 60Hz 1920x1080 @ 60Hz							
Preset resolutions	640x350 @ 70Hz 640x480 @ 60Hz, 66Hz, 72Hz, 75Hz 720x400 @ 70Hz 800x600 @ 60Hz, 72Hz, 75Hz 1024x768 @ 60Hz, 70Hz, 75Hz 1152x864 @ 75Hz 1280x800 @ 60Hz 1280x1024 @ 60Hz, 72Hz, 75Hz 1366x768 @ 60Hz 1440x900 @ 60Hz, 75Hz 1600x1200 @ 60Hz, 70Hz, 75Hz 1680x1050 @ 60Hz 1920x1080 @ 60Hz							
Presets / user settings	Presets: 25; user settings: 25							
On screen display	On screen display with digital user controls (8 languages)							
Control features	Mode-switching (TIO mode / standalone monitor mode, switches video/audio/USB input source) / Back button, Left shift button, Right shift / Brightness button, Selection button / Menu button, Power button							
Tiny-in-One Power On	Pressing Alt + P on keyboard or pressing Power button positioned on TIO can turn on both TIO and Tiny (only some Tiny support, see compatible list)							
USB ports	<p><i>Front:</i> two USB 3.0 (only when M93/p or M83 installed) or two USB 2.0</p> <p><i>Side:</i> two USB 2.0, one USB 2.0 upstream port (connect to PC), one mini USB 2.0 port for accessories (on top)</p> <p>* The USB ports are only available when a Tiny is installed or a PC is connected via USB upstream port</p>							
Monitor connectors	One DisplayPort port, version 1.2							
3-in-1 Cable	Undetachable 3-in-1 cable (Power connector, USB, DisplayPort), only for connecting to Tiny installed (optional)							
Audio port	one headphone / microphone combo jack (stereo, 3.5mm)							
Security	Security keyhole for attachment of optional cable lock (Kensington® lock compatible), locks optional Tiny and ODD box with TIO 23 together, more security features offered by Tiny installed (optional)							
Mechanical								
	Dimensions	TIO 23 without stand	TIO 23 with stand					
	W x D x H (inch)	22.17 x 2.74 x 14.88	22.17 x 9.84 x 16.15 - 20.48					
	W x D x H (mm)	563 x 69.5 x 378	563 x 250 x 410.14 - 520.14					
	Weight (approximately)	TIO 23 with stand	TIO 23 with Tiny, stand, and ODD box installed					
	lb / kg	15.4lb / 7kg	18.9lb / 8.58kg					

Compatible Tiny				
Model	M93/p Tiny	M83 Tiny	M73 Tiny	M53 Tiny
Processor	Intel® Core™ i7 / i5 / i3 (HSW 35 W) Intel Pentium® LV (HSW 35 W) Intel Celeron LV (HSW 35 W)			Intel Pentium J2900 Intel Celeron J1800
OS support	OS Support			
Memory	2 SO-DIMM, up to 16GB			1 SO-DIMM, up to 8GB
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600			Intel HD Graphics
Storage	HDD / SSHD / SSD		HDD / SSHD / SSD / DOM	
USB ports	5 USB 3.0 (2 front, 3 rear) 1 opt rear USB 2.0	4 USB 3.0 (2 front, 2 rear), 1 USB 2.0 (rear) 1 opt rear USB 2.0	2 USB 3.0 (front) 3 USB 2.0 (rear) 1 opt rear USB 2.0	1 USB 3.0 (front) 4 USB 2.0 (2 front, 2 rear) 1 opt rear USB 2.0
Optical	Optical slim ODD box (DVD or DVD±RW)			
Security	TPM 1.2, Asset ID, Kensington® lock	TPM1.2, Asset ID, Kensington lock	Asset ID, Kensington lock	Asset ID, Kensington lock
Manageability	vPro, iAMT 9.0		No	
Multi monitor	Up to 3, VGA + DP + opt HDMI/2nd DP	Up to 3, VGA + DP + opt 2nd DP	Up to 2, VGA + DP	Up to 2, VGA + DP
HDD APS	Support		No	
USB KB Power On	Support			

ThinkCentre Tiny-in-One Power On Compatible list				
Model	M93/p Tiny	M83 Tiny	M73 Tiny	M53 Tiny
Turn on TIO and Tiny together via Alt + P on USB KB	All models	All models	All models	All models
Turn on TIO and Tiny together via TIO Power Button	TIO models	All models	TIO models	All models

See footnotes for more detailed information

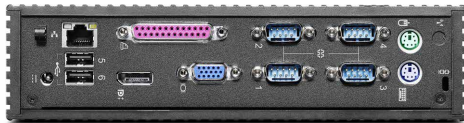
ThinkCentre M32 Thin Client



Lenovo ThinkCentre M32 Thin Client with Lenovo ThinkVision Monitor



Lenovo ThinkCentre M32 Thin Client



Lenovo ThinkCentre M32 Thin Client



Lenovo ThinkCentre M32 Thin Client



Lenovo ThinkCentre M32 Thin Client (inside view)



Lenovo ThinkCentre M32 Thin Client

ThinkCentre M32 (10BV) - Thin Client (TopSeller) - 1-year depot

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Flash Memory	Optical	Graphics	DP to DVI dongle	Floor stand	Key-board/ Mouse	ENERGY STAR 6.0 Global	OS preload	Ann date (mm/dd/yy)
10BV0006US	Celeron 807	2GBx1	1G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS 09/03/13
10BV0009US	Celeron 807	4GBx1	1G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS 09/03/13
10BV0007US	Celeron 807	2GBx1	8G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7 09/03/13
10BV0008US	Celeron 807	4GBx1	8G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7 09/03/13
10BV000EUS	Celeron 847	2GBx1	1G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS 12/10/13
10BV000FUS	Celeron 847	4GBx1	1G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS 12/10/13
10BV000AUS	Celeron 847	2GBx1	8G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7 12/10/13
10BV000BUS	Celeron 847	4GBx1	8G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7 12/10/13

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 1-year depot warranty

Positioning	<i>Mainstream Thin Client with better security and manageability for the enterprise</i>							Preloaded operating system				
Processor	Intel® Celeron® Processor 807 (1 cores / 2 threads, 1.5GHz, 1.5MB cache), integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Celeron Processor 847 (2 cores / 2 threads, 1.1GHz, 2MB cache), integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology							Some: Genuine Windows® Embedded Standard 7 (WES 7) Some: LeTOS (Lenovo Terminal Operating System, Linux-based)				
Memory	4GB max, PC3-12800 1600MHz DDR3* , one 204-pin SODIMM socket (notebook) * System automatically clocks down for processors with 1333MHz DDR3 memory controller							Preloaded applications (only some listed) - WES 7 only: <ul style="list-style-type: none"> • Intel Management Engine Components • RDP Client • Citrix Client • VMware Client • Internet Explorer 9 • Java • Flash • .Net Framework • Microsoft® Silverlight • Echo Agent • Ultra VNC • Adobe Reader • Intel Manageability Engine Firmware Recovery Agent 				
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution:</i> 2560x2048 (DisplayPort) @60Hz; 2560x1600 (VGA) @60Hz Optional DisplayPort to Single-link DVI-D dongle							- LeTOS only: <ul style="list-style-type: none"> • xFreeRDP • Citrix ICA Client • VMware View Client • Java • Mozilla Firefox • NX NoMachine Client • X11 Client • VDI-In-A-Box Java Client • AnyConnect VPN Client 				
DP dongle	Optional DisplayPort to Single-link DVI-D dongle											
Flash Memory	1GB (LeTOS models) or 8GB (WES 7 models) / DOM (Disk On Module) Card											
Optical	None											
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset											
Onboard SATA	one SATA 3.0Gb/s connector for DOM Card											
eSATA port	None											
Chipset	Mobile Intel NM70 Express Chipset											
Front ports	Four USB 2.0, microphone (3.5mm), headphone (3.5mm)											
Rear ports	Two USB 2.0, ethernet (RJ-45), two PS/2 ports (keyboard and mouse), one parallel, four serial ports (Customizable Pin definition for serial port 2, 3, and 4), one VGA, one DisplayPort											
PCIe Mini Card	None											
PCIe WLAN	None											
Bluetooth	None											
Audio	High Definition (HD) Audio, Realtek® ALC662-VD codec											
Speaker	None											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Realtek RTL8111F, Wake on LAN®											
Intel AMT	None											
Modem	None											
Security chip	None							Network-based Thin Client Management Tool - Lenovo Thin Client Manager (LTM)* *A license is included with the purchase of M32 and the utility is downloadable from website				
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	System floor stand for vertical orientation											
VESA mount	Supports VESA 100mm mount standard											
Power supply	65 watts adapter, autosensing 100-240V, 85% PSU							Security <ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Serial port and parallel port disablement 				
Machine	<ul style="list-style-type: none"> • Business black color; USFF (2L) • Fan-less, Cable-less Design • (Without stand) 2.2" W X 6.7" D X 8.7" H • (Without stand) 55mm W X 170mm D X 220mm H • (Without stand) 3.3 lb (1.48 kg) in maximum configuration 											
Protocols	Citrix: Microsoft: VMWare:	ICA, HDX (compatible with XenDesktop and XenApp) RDP, RemoteFX (WES 7 models only), RDS VMware Horizon View through RDP VMware Horizon View through PCoIP					EPEAT™ Gold rating (WES models) ENERGY STAR® 6.0 (WES models) GREENGUARD® certified RoHS-compliant WEEE REACH VMWare Ready Certification Citrix Ready/HDX Ready Certification MS RemoteFX Certification (WES models)					
Limited Warranty	1-years, depot repair service / service upgrades available							For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet				

See footnotes for important warranty information
 US model(s) announced September 3, 2013 or December 10, 2013

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 (CLVL1-3) December 2013

ThinkCentre M32 (10BV) - Thin Client (TopSeller) - 1-year onsite

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Flash Memory	Optical	Graphics	DP to DVI dongle	Floor stand	Key-board/ Mouse	ENERGY STAR 6.0 Global	OS preload	Ann date (mm/dd/yy)	
10BV0005US	Celeron 807	2GBx1	1G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS	09/03/13
10BV0001US	Celeron 807	2GBx1	8G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7	09/03/13
10BV000MUS	Celeron 847	2GBx1	16G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS	11/10/15
10BV000KUS	Celeron 847	4GBx1	16G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS	11/10/15
10BV000PUS	Celeron 847	4GBx1	16G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7	12/01/15
10BV000NUS	Celeron 847	2GBx1	16G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7	12/01/15

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 1-year limited warranty

Positioning	<i>Mainstream Thin Client with better security and manageability for the enterprise</i>							Preloaded operating system				
Processor	Intel® Celeron® Processor 807 (1 cores / 2 threads, 1.5GHz, 1.5MB cache), integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Celeron Processor 847 (2 cores / 2 threads, 1.1GHz, 2MB cache), integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology							Some: Genuine Windows® Embedded Standard 7 (WES 7) Some: LeTOS (Lenovo Terminal Operating System, Linux-based)				
Memory	4GB max, PC3-12800 1600MHz DDR3* , one 204-pin SODIMM socket (notebook) * System automatically clocks down for processors with 1333MHz DDR3 memory controller							Preloaded applications (only some listed) - WES 7 only: <ul style="list-style-type: none"> • Intel Management Engine Components • RDP Client • Citrix Client • VMware Client • Internet Explorer 9 • Java • Flash • .Net Framework • Microsoft® Silverlight • Echo Agent • Ultra VNC • Adobe Reader • Intel Manageability Engine Firmware Recovery Agent 				
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution:</i> 2560x2048 (DisplayPort) @60Hz; 2560x1600 (VGA) @60Hz Optional DisplayPort to Single-link DVI-D dongle							- LeTOS only: <ul style="list-style-type: none"> • xFreeRDP • Citrix ICA Client • VMware View Client • Java • Mozilla Firefox • NX NoMachine Client • X11 Client • VDI-In-A-Box Java Client • AnyConnect VPN Client 				
DP dongle	Optional DisplayPort to Single-link DVI-D dongle											
Flash Memory	1GB, 8GB, or 16GB / DOM (Disk On Module) Card											
Optical	None											
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset											
Onboard SATA	one SATA 3.0Gb/s connector for DOM Card											
eSATA port	None											
Chipset	Mobile Intel NM70 Express Chipset											
Front ports	Four USB 2.0, microphone (3.5mm), headphone (3.5mm)											
Rear ports	Two USB 2.0, ethernet (RJ-45), two PS/2 ports (keyboard and mouse), one parallel, four serial ports (Customizable Pin definition for serial port 2, 3, and 4), one VGA, one DisplayPort											
PCIe Mini Card	None											
PCIe WLAN	None											
Bluetooth	None											
Audio	High Definition (HD) Audio, Realtek® ALC662-VD codec											
Speaker	None											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Realtek RTL8111F, Wake on LAN®							Network-based Thin Client Management Tool - Lenovo Thin Client Manager (LTM)* *A license is included with the purchase of M32 and the utility is downloadable from website				
Intel AMT	None											
Modem	None											
Security chip	None											
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	System floor stand for vertical orientation											
VESA mount	Supports VESA 100mm mount standard											
Power supply	65 watts adapter, autosensing 100-240V, 85% PSU							Security <ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Serial port and parallel port disablement 				
Machine	<ul style="list-style-type: none"> • Business black color; USFF (2L) • Fan-less, Cable-less Design • (Without stand) 2.2" W X 6.7" D X 8.7" H • (Without stand) 55mm W X 170mm D X 220mm H • (Without stand) 3.3 lb (1.48 kg) in maximum configuration 											
Protocols	Citrix: Microsoft: VMWare:	ICA, HDX (compatible with XenDesktop and XenApp) RDP, RemoteFX (WES 7 models only), RDS VMware Horizon View through RDP VMware Horizon View through PCoIP					EPEAT™ Gold rating (WES models) ENERGY STAR® 6.0 (WES models) GREENGUARD® certified RoHS-compliant WEEE REACH VMWare Ready Certification Citrix Ready/HDX Ready Certification MS RemoteFX Certification (WES models)					
Limited Warranty	1-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available							For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet				

See footnotes for important warranty information

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ThinkCentre M32 (10BV) - Thin Client (TopSeller) - 3-year onsite

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Flash Memory	Optical	Graphics	DP to DVI dongle	Floor stand	Key-board/ Mouse	ENERGY STAR 6.0 Global	OS preload	Ann date (mm/dd/yy)	
10BV0004US	Celeron 807	2GBx1	1G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS	09/03/13
10BV0000US	Celeron 807	2GBx1	8G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7	09/03/13
10BV0002US	Celeron 807	4GBx1	8G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7	09/03/13
10BV000GUS	Celeron 847	2GBx1	1G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS	12/10/13
10BV000HUS	Celeron 847	4GBx1	1G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS	12/10/13
10BV000CUS	Celeron 847	2GBx1	8G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7	12/10/13
10BV000DUS	Celeron 847	4GBx1	8G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7	12/10/13
10BV000JUS	Celeron 847	2GBx1	16G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS	11/10/15
10BV000LUS	Celeron 847	4GBx1	16G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS	11/10/15
10BV000RUS	Celeron 847	2GBx1	16G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7	12/01/15
10BV000QUS	Celeron 847	4GBx1	16G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7	12/01/15

Positioning	<i>Mainstream Thin Client with better security and manageability for the enterprise</i>							Preloaded operating system				
Processor	Intel® Celeron® Processor 807 (1 cores / 2 threads, 1.5GHz, 1.5MB cache), integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Celeron Processor 847 (2 cores / 2 threads, 1.1GHz, 2MB cache), integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology							Some: Genuine Windows® Embedded Standard 7 (WES 7) Some: LeTOS (Lenovo Terminal Operating System, Linux-based)				
Memory	4GB max, PC3-12800 1600MHz DDR3* , one 204-pin SODIMM socket (notebook) * System automatically clocks down for processors with 1333MHz DDR3 memory controller							Preloaded applications (only some listed) - WES 7 only: <ul style="list-style-type: none"> Intel Management Engine Components RDP Client Citrix Client VMware Client Internet Explorer 9 Java Flash .Net Framework Microsoft® Silverlight Echo Agent Ultra VNC Adobe Reader Intel Manageability Engine Firmware Recovery Agent 				
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution:</i> 2560x2048 (DisplayPort) @60Hz; 2560x1600 (VGA) @60Hz Optional DisplayPort to Single-link DVI-D dongle							- LeTOS only: <ul style="list-style-type: none"> xFreeRDP Citrix ICA Client VMware View Client Java Mozilla Firefox NX NoMachine Client X11 Client VDI-In-A-Box Java Client AnyConnect VPN Client 				
DP dongle	Optional DisplayPort to Single-link DVI-D dongle											
Flash Memory	1GB, 8GB, or 16GB / DOM (Disk On Module) Card											
Optical	None											
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset											
Onboard SATA	one SATA 3.0Gb/s connector for DOM Card											
eSATA port	None											
Chipset	Mobile Intel NM70 Express Chipset											
Front ports	Four USB 2.0, microphone (3.5mm), headphone (3.5mm)											
Rear ports	Two USB 2.0, ethernet (RJ-45), two PS/2 ports (keyboard and mouse), one parallel, four serial ports (Customizable Pin definition for serial port 2, 3, and 4), one VGA, one DisplayPort											
PCIe Mini Card	None											
PCIe WLAN	None											
Bluetooth	None											
Audio	High Definition (HD) Audio, Realtek® ALC662-VD codec											
Speaker	None											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Realtek RTL8111F, Wake on LAN®											
Intel AMT	None											
Modem	None											
Security chip	None							Network-based Thin Client Management Tool - Lenovo Thin Client Manager (LTM)* *A license is included with the purchase of M32 and the utility is downloadable from website				
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	System floor stand for vertical orientation											
VESA mount	Supports VESA 100mm mount standard											
Power supply	65 watts adapter, autosensing 100-240V, 85% PSU							Security <ul style="list-style-type: none"> Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) Power-on password Administrator password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Serial port and parallel port disablement 				
Machine	<ul style="list-style-type: none"> Business black color; USFF (2L) Fan-less, Cable-less Design (Without stand) 2.2" W X 6.7" D X 8.7" H (Without stand) 55mm W X 170mm D X 220mm H (Without stand) 3.3 lb (1.48 kg) in maximum configuration 											
Protocols	Citrix: Microsoft: VMWare:	ICA, HDX (compatible with XenDesktop and XenApp) RDP, RemoteFX (WES 7 models only), RDS VMware Horizon View through RDP VMware Horizon View through PCoIP					EPEAT™ Gold rating (WES models) ENERGY STAR® 6.0 (WES models) GREENGUARD® certified RoHS-compliant WEEE REACH VMWare Ready Certification Citrix Ready/HDX Ready Certification MS RemoteFX Certification (WES models)					
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available							For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet				

See footnotes for important warranty information

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ThinkCentre M32 (10BM) - Thin Client (1-year depot)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Flash Memory	Optical	Graphics	DP to DVI dongle	Floor stand	Key-board/ Mouse	ENERGY STAR 6.0 Global	OS preload	Ann date (mm/dd/yy)	
10BM0001US	Celeron 807	2GBx1	1G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS	09/03/13
10BM0004US	Celeron 807	2GBx1	8G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7	09/03/13
10BM000MUS	Celeron 807	4GBx1	8G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7	09/03/13
10BM000TUS	Celeron 807	4GBx1	1G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS	12/10/13
10BM0013US	Celeron 847	2GBx1	1G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS	12/10/13
10BM0015US	Celeron 847	4GBx1	1G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS	12/10/13
10BM000YUS	Celeron 847	2GBx1	8G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7	12/10/13
10BM0010US	Celeron 847	4GBx1	8G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7	12/10/13

• 1-year depot warranty

Positioning	<i>Mainstream Thin Client with better security and manageability for the enterprise</i>							Preloaded operating system				
Processor	Intel® Celeron® Processor 807 (1 cores / 2 threads, 1.5GHz, 1.5MB cache), integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Celeron Processor 847 (2 cores / 2 threads, 1.1GHz, 2MB cache), integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology							Some: Genuine Windows® Embedded Standard 7 (WES 7) Some: LeTOS (Lenovo Terminal Operating System, Linux-based)				
Memory	4GB max, PC3-12800 1600MHz DDR3* , one 204-pin SODIMM socket (notebook) * System automatically clocks down for processors with 1333MHz DDR3 memory controller							Preloaded applications (only some listed) - WES 7 only: <ul style="list-style-type: none"> • Intel Management Engine Components • RDP Client • Citrix Client • VMware Client • Internet Explorer 9 • Java • Flash • .Net Framework • Microsoft® Silverlight • Echo Agent • Ultra VNC • Adobe Reader • Intel Manageability Engine Firmware Recovery Agent 				
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution:</i> 2560x2048 (DisplayPort) @60Hz; 2560x1600 (VGA) @60Hz Optional DisplayPort to Single-link DVI-D dongle							- LeTOS only: <ul style="list-style-type: none"> • xFreeRDP • Citrix ICA Client • VMware View Client • Java • Mozilla Firefox • NX NoMachine Client • X11 Client • VDI-In-A-Box Java Client • AnyConnect VPN Client 				
DP dongle	Optional DisplayPort to Single-link DVI-D dongle											
Flash Memory	1GB (LeTOS models) or 8GB (WES 7 models) / DOM (Disk On Module) Card											
Optical	None											
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset											
Onboard SATA	one SATA 3.0Gb/s connector for DOM Card											
eSATA port	None											
Chipset	Mobile Intel NM70 Express Chipset											
Front ports	Four USB 2.0, microphone (3.5mm), headphone (3.5mm)											
Rear ports	Two USB 2.0, ethernet (RJ-45), two PS/2 ports (keyboard and mouse), one parallel, four serial ports (Customizable Pin definition for serial port 2, 3, and 4), one VGA, one DisplayPort											
PCIe Mini Card	None											
PCIe WLAN	None											
Bluetooth	None											
Audio	High Definition (HD) Audio, Realtek® ALC662-VD codec											
Speaker	None											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Realtek RTL8111F, Wake on LAN®							Network-based Thin Client Management Tool - Lenovo Thin Client Manager (LTM)* *A license is included with the purchase of M32 and the utility is downloadable from website				
Intel AMT	None											
Modem	None											
Security chip	None											
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	System floor stand for vertical orientation											
VESA mount	Supports VESA 100mm mount standard											
Power supply	65 watts adapter, autosenesing 100-240V, 85% PSU							Security <ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Serial port and parallel port disablement 				
Machine	<ul style="list-style-type: none"> • Business black color; USFF (2L) • Fan-less, Cable-less Design • (Without stand) 2.2" W X 6.7" D X 8.7" H • (Without stand) 55mm W X 170mm D X 220mm H • (Without stand) 3.3 lb (1.48 kg) in maximum configuration 							EPEAT™ Gold rating (WES models) ENERGY STAR® 6.0 (WES models) GREENGUARD® certified RoHS-compliant WEEE REACH VMWare Ready Certification Citrix Ready/HDX Ready Certification MS RemoteFX Certification (WES models)				
Protocols	Citrix: Microsoft: VMWare:	ICA, HDX (compatible with XenDesktop and XenApp) RDP, RemoteFX (WES 7 models only), RDS VMware Horizon View through RDP VMware Horizon View through PCoIP					For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet					
Limited Warranty	1-years, depot repair service / service upgrades available											

See footnotes for important warranty information
 US model(s) announced September 3, 2013 or December 10, 2013

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ThinkCentre M32 (10BM) - Thin Client (1-year onsite)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Flash Memory	Optical	Graphics	DP to DVI dongle	Floor stand	Key-board/ Mouse	ENERGY STAR 6.0 Global	OS preload	Ann date (mm/dd/yy)	
10BM0000US	Celeron 807	2GBx1	1G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS	09/03/13
10BM0002US	Celeron 807	2GBx1	8G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7	09/03/13

• 1-year limited warranty

Positioning	<i>Mainstream Thin Client with better security and manageability for the enterprise</i>							Preloaded operating system				
Processor	Intel® Celeron® Processor 807 (1 cores / 2 threads, 1.5GHz, 1.5MB cache), integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology							Some: Genuine Windows® Embedded Standard 7 (WES 7) Some: LeTOS (Lenovo Terminal Operating System, Linux-based)				
Memory	4GB max, PC3-12800 1600MHz DDR3* , one 204-pin SODIMM socket (notebook) * System automatically clocks down for processors with 1333MHz DDR3 memory controller							Preloaded applications (only some listed)				
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x2048 (DisplayPort)@60Hz; 2560x1600 (VGA)@60Hz</i> Optional DisplayPort to Single-link DVI-D dongle							- WES 7 only:				
DP dongle								<ul style="list-style-type: none"> • Intel Management Engine Components • RDP Client • Citrix Client • VMware Client • Internet Explorer 9 • Java • Flash • .Net Framework • Microsoft® Silverlight • Echo Agent • Ultra VNC • Adobe Reader • Intel Manageability Engine Firmware Recovery Agent 				
Flash Memory	1GB (LeTOS models) or 8GB (WES 7 models) / DOM (Disk On Module) Card							- LeTOS only:				
Optical	None							<ul style="list-style-type: none"> • xFreeRDP • Citrix ICA Client • VMware View Client • Java • Mozilla Firefox • NX NoMachine Client • X11 Client • VDI-In-A-Box Java Client • AnyConnect VPN Client 				
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset							Network-based Thin Client Management Tool - Lenovo Thin Client Manager (LTM)*				
Onboard SATA	one SATA 3.0Gb/s connector for DOM Card							*A license is included with the purchase of M32 and the utility is downloadable from website				
eSATA port	None							Security				
Chipset	Mobile Intel NM70 Express Chipset							<ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Serial port and parallel port disablement 				
Front ports	Four USB 2.0, microphone (3.5mm), headphone (3.5mm)							EPEAT™ Gold rating (WES models)				
Rear ports	Two USB 2.0, ethernet (RJ-45), two PS/2 ports (keyboard and mouse), one parallel, four serial ports (Customizable Pin definition for serial port 2, 3, and 4), one VGA, one DisplayPort							ENERGY STAR® 6.0 (WES models)				
PCIe Mini Card	None							GREENGUARD® certified				
PCIe WLAN	None							RoHS-compliant				
Bluetooth	None							WEEE				
Audio	High Definition (HD) Audio, Realtek® ALC662-VD codec							REACH				
Speaker	None							VMWare Ready Certification				
IEEE 1394	None							Citrix Ready/HDX Ready Certification				
Ethernet	One gigabit ethernet port, Realtek RTL8111F, Wake on LAN®							MS RemoteFX Certification (WES models)				
Intel AMT	None							For compatible accessories, please go to TC-AQP sheet;				
Modem	None							For Lenovo service upgrade options, please go to S-TC sheet				
Security chip	None											
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	System floor stand for vertical orientation											
VESA mount	Supports VESA 100mm mount standard											
Power supply	65 watts adapter, autosensing 100-240V, 85% PSU											
Machine	<ul style="list-style-type: none"> • Business black color; USFF (2L) • Fan-less, Cable-less Design • (Without stand) 2.2" W X 6.7" D X 8.7" H • (Without stand) 55mm W X 170mm D X 220mm H • (Without stand) 3.3 lb (1.48 kg) in maximum configuration 											
Protocols	Citrix:	ICA, HDX (compatible with XenDesktop and XenApp)										
	Microsoft:	RDP, RemoteFX (WES 7 models only), RDS										
	VMWare:	VMware Horizon View through RDP VMware Horizon View through PCoIP										
Limited Warranty	1-years, limited onsite service. 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											

See footnotes for important warranty information
US model(s) announced September 3, 2013

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ThinkCentre M32 (10BM) - Thin Client (3-year onsite)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Flash Memory	Optical	Graphics	DP to DVI dongle	Floor stand	Key-board/ Mouse	ENERGY STAR 6.0 Global	OS preload	Ann date (mm/dd/yy)
10BM0006US	Celeron 807	2GBx1	1G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS 09/03/13
10BM0005US	Celeron 807	2GBx1	8G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7 09/03/13
10BM0003US	Celeron 807	4GBx1	8G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7 09/03/13
10BM0008US	Celeron 807	4GBx1	8G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7 09/03/13
10BM000RUS	Celeron 847	2GBx1	1G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS 12/10/13
10BM0014US	Celeron 847	4GBx1	1G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	None	None	LeTOS 12/10/13
10BM0011US	Celeron 847	2GBx1	8G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7 12/10/13
10BM0012US	Celeron 847	4GBx1	8G DOM Card	None	Intel HD Graphics	None	Floor stand	USB	ES6.0	None	WES 7 12/10/13

●3-year limited warranty

Positioning	<i>Mainstream Thin Client with better security and manageability for the enterprise</i>							Preloaded operating system				
Processor	Intel® Celeron® Processor 807 (1 cores / 2 threads, 1.5GHz, 1.5MB cache), integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Celeron Processor 847 (2 cores / 2 threads, 1.1GHz, 2MB cache), integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology							Some: Genuine Windows® Embedded Standard 7 (WES 7) Some: LeTOS (Lenovo Terminal Operating System, Linux-based)				
Memory	4GB max, PC3-12800 1600MHz DDR3* , one 204-pin SODIMM socket (notebook) * System automatically clocks down for processors with 1333MHz DDR3 memory controller							Preloaded applications (only some listed) - WES 7 only: <ul style="list-style-type: none"> ● Intel Management Engine Components ● RDP Client ● Citrix Client ● VMware Client ● Internet Explorer 9 ● Java ● Flash ● .Net Framework ● Microsoft® Silverlight ● Echo Agent ● Ultra VNC ● Adobe Reader ● Intel Manageability Engine Firmware Recovery Agent 				
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution:</i> 2560x2048 (DisplayPort) @60Hz; 2560x1600 (VGA) @60Hz Optional DisplayPort to Single-link DVI-D dongle							- LeTOS only: <ul style="list-style-type: none"> ● xFreeRDP ● Citrix ICA Client ● VMware View Client ● Java ● Mozilla Firefox ● NX NoMachine Client ● X11 Client ● VDI-In-A-Box Java Client ● AnyConnect VPN Client 				
DP dongle	Optional DisplayPort to Single-link DVI-D dongle											
Flash Memory	1GB (LeTOS models) or 8GB (WES 7 models) / DOM (Disk On Module) Card											
Optical	None											
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset											
Onboard SATA	one SATA 3.0Gb/s connector for DOM Card											
eSATA port	None											
Chipset	Mobile Intel NM70 Express Chipset											
Front ports	Four USB 2.0, microphone (3.5mm), headphone (3.5mm)											
Rear ports	Two USB 2.0, ethernet (RJ-45), two PS/2 ports (keyboard and mouse), one parallel, four serial ports (Customizable Pin definition for serial port 2, 3, and 4), one VGA, one DisplayPort											
PCIe Mini Card	None											
PCIe WLAN	None											
Bluetooth	None											
Audio	High Definition (HD) Audio, Realtek® ALC662-VD codec											
Speaker	None											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Realtek RTL8111F, Wake on LAN®							Network-based Thin Client Management Tool - Lenovo Thin Client Manager (LTM)* *A license is included with the purchase of M32 and the utility is downloadable from website				
Intel AMT	None											
Modem	None											
Security chip	None											
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	System floor stand for vertical orientation											
VESA mount	Supports VESA 100mm mount standard											
Power supply	65 watts adapter, autosenesing 100-240V, 85% PSU							Security <ul style="list-style-type: none"> ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement ● Serial port and parallel port disablement 				
Machine	<ul style="list-style-type: none"> ● Business black color; USFF (2L) ● Fan-less, Cable-less Design ● (Without stand) 2.2" W X 6.7" D X 8.7" H ● (Without stand) 55mm W X 170mm D X 220mm H ● (Without stand) 3.3 lb (1.48 kg) in maximum configuration 							EPEAT™ Gold rating (WES models) ENERGY STAR® 6.0 (WES models) GREENGUARD® certified RoHS-compliant WEEE REACH VMWare Ready Certification Citrix Ready/HDX Ready Certification MS RemoteFX Certification (WES models)				
Protocols	Citrix: Microsoft: VMWare:	ICA, HDX (compatible with XenDesktop and XenApp) RDP, RemoteFX (WES 7 models only), RDS VMware Horizon View through RDP VMware Horizon View through PCoIP					For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet					
Limited Warranty	3-years, limited onsite service. 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											

See footnotes for important warranty information
 US model(s) announced September 3, 2013 or December 10, 2013

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ThinkCentre M32 (10BM) - Thin Client (OID)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Flash Memory	Optical	Graphics	DP to DVI dongle	Floor stand	Key-board/ Mouse	ENERGY STAR 6.0	Global (G) OS	Ann date (mm/dd/yy)
10BM0009US	Celeron 807	2GBx1	1G DOM Card	None	Intel HD Graphics	DP to DVI	Floor stand	USB	None	G O	LeTOS 09/03/13
10BM000AUS	Celeron 807	2GBx1	8G DOM Card	None	Intel HD Graphics	DP to DVI	Floor stand	USB	ES6.0	G O	WES 7 09/03/13
10BM000BUS	Celeron 807	4GBx1	8G DOM Card	None	Intel HD Graphics	DP to DVI	Floor stand	USB	ES6.0	G O	WES 7 09/03/13
10BM0017US	Celeron 847	2GBx1	1G DOM Card	None	Intel HD Graphics	DP to DVI	Floor stand	USB	None	G O	LeTOS 12/24/13
10BM0018US	Celeron 847	2GBx1	8G DOM Card	None	Intel HD Graphics	DP to DVI	Floor stand	USB	ES6.0	G O	WES 7 12/24/13
10BM0019US	Celeron 847	4GBx1	8G DOM Card	None	Intel HD Graphics	DP to DVI	Floor stand	USB	ES6.0	G O	WES 7 12/24/13

- Onsite International Delivery (OID)
- 3-year limited warranty

Positioning	<i>Mainstream Thin Client with better security and manageability for the enterprise</i>							Preloaded operating system				
Processor	Intel® Celeron® Processor 807 (1 cores / 2 threads, 1.5GHz, 1.5MB cache), integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Celeron Processor 847 (2 cores / 2 threads, 1.1GHz, 2MB cache), integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology							Some: Genuine Windows® Embedded Standard 7 (WES 7) Some: LeTOS (Lenovo Terminal Operating System, Linux-based)				
Memory	4GB max, PC3-12800 1600MHz DDR3* , one 204-pin SODIMM socket (notebook) * System automatically clocks down for processors with 1333MHz DDR3 memory controller							Preloaded applications (only some listed) - WES 7 only: <ul style="list-style-type: none"> ● Intel Management Engine Components ● RDP Client ● Citrix Client ● VMware Client ● Internet Explorer 9 ● Java ● Flash ● .Net Framework ● Microsoft® Silverlight ● Echo Agent ● Ultra VNC ● Adobe Reader ● Intel Manageability Engine Firmware Recovery Agent 				
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution:</i> 2560x2048 (DisplayPort) @60Hz; 2560x1600 (VGA) @60Hz Optional DisplayPort to Single-link DVI-D dongle							- LeTOS only: <ul style="list-style-type: none"> ● xFreeRDP ● Citrix ICA Client ● VMware View Client ● Java ● Mozilla Firefox ● NX NoMachine Client ● X11 Client ● VDI-In-A-Box Java Client ● AnyConnect VPN Client 				
DP dongle	Optional DisplayPort to Single-link DVI-D dongle											
Flash Memory	1GB (LeTOS models) or 8GB (WES 7 models) / DOM (Disk On Module) Card											
Optical	None											
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset											
Onboard SATA	one SATA 3.0Gb/s connector for DOM Card											
eSATA port	None											
Chipset	Mobile Intel NM70 Express Chipset											
Front ports	Four USB 2.0, microphone (3.5mm), headphone (3.5mm)											
Rear ports	Two USB 2.0, ethernet (RJ-45), two PS/2 ports (keyboard and mouse), one parallel, four serial ports (Customizable Pin definition for serial port 2, 3, and 4), one VGA, one DisplayPort											
PCIe Mini Card	None											
PCIe WLAN	None											
Bluetooth	None											
Audio	High Definition (HD) Audio, Realtek® ALC662-VD codec											
Speaker	None											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Realtek RTL8111F, Wake on LAN®							Network-based Thin Client Management Tool - Lenovo Thin Client Manager (LTM)* *A license is included with the purchase of M32 and the utility is downloadable from website				
Intel AMT	None											
Modem	None											
Security chip	None											
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	System floor stand for vertical orientation											
VESA mount	Supports VESA 100mm mount standard											
Power supply	65 watts adapter, autosensing 100-240V, 85% PSU							Security <ul style="list-style-type: none"> ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement ● Serial port and parallel port disablement 				
Machine	<ul style="list-style-type: none"> ● Business black color; USFF (2L) ● Fan-less, Cable-less Design ● (Without stand) 2.2" W X 6.7" D X 8.7" H ● (Without stand) 55mm W X 170mm D X 220mm H ● (Without stand) 3.3 lb (1.48 kg) in maximum configuration 											
Protocols	Citrix: Microsoft: VMWare:	ICA, HDX (compatible with XenDesktop and XenApp) RDP, RemoteFX (WES 7 models only), RDS VMware Horizon View through RDP VMware Horizon View through PCoIP					EPEAT™ Gold rating (WES models) ENERGY STAR® 6.0 (WES models) GREENGUARD® certified RoHS-compliant WEEE REACH VMWare Ready Certification Citrix Ready/HDX Ready Certification MS RemoteFX Certification (WES models)					
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available							For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet				

See footnotes for important warranty information
 US model(s) announced September 3, 2013 or December 24, 2013

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 (CLVL1-7) January 2014



ThinkCentre M53 Tiny with optional floor stand, wireless keyboard/mouse, and monitor



ThinkCentre M53 Tiny with optional floor stand



ThinkCentre M53 Tiny with optional VESA mount kit



ThinkCentre M53 Tiny with optional optical box



ThinkCentre M53 Tiny with optional I/O box



ThinkCentre M53 Tiny

ThinkCentre M53 Tiny Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron® Processor J1000 Series for Desktop or Intel Pentium® Processor J2000 Series for Desktop	With VESA mount & optical box: 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 4.6 lb (2.1 kg), weight may vary by configuration Optional VESA mount bracket kit, supports VESA 75mm and 100mm Optional system floor stand for vertical orientation																		
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency (Max/Base)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron J1800</td> <td>2 / 2</td> <td>2.58 / 2.41 GHz</td> <td>1MB</td> <td>DDR3L-1333</td> <td>Intel HD</td> </tr> <tr> <td>Pentium J2900</td> <td>4 / 4</td> <td>2.58 / 2.41 GHz</td> <td>2MB</td> <td>DDR3L-1333</td> <td>Intel HD</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics	Celeron J1800	2 / 2	2.58 / 2.41 GHz	1MB	DDR3L-1333	Intel HD	Pentium J2900	4 / 4	2.58 / 2.41 GHz	2MB	DDR3L-1333	Intel HD	VESA mount Floor Stand
Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics															
Celeron J1800	2 / 2	2.58 / 2.41 GHz	1MB	DDR3L-1333	Intel HD															
Pentium J2900	4 / 4	2.58 / 2.41 GHz	2MB	DDR3L-1333	Intel HD															
Chipset	Intel one-chip platform, integrates processor core, graphics, memory controller, and Platform Controller Hub (PCH) in one chip	Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)																	
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; Maximum resolution: 2560x1600 (DisplayPort)@60Hz; 1920x1200 (VGA)@60Hz	Limited warranty ³	<i>Some:</i> 1-year, depot service / service upgrades available <i>Some:</i> 1-year or 3-year, limited onsite service / service upgrades available <i>Some:</i> 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>																	
Monitor cable	Optional DisplayPort to DVI-D or DisplayPort to HDMI monitor cable	Preload	<i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit <i>Some:</i> Windows 8.1 with Bing 64-bit Ready to install applications (for Win7) <ul style="list-style-type: none"> Rescue and Recovery™ Password Manager Web install applications (for Win8.1) <ul style="list-style-type: none"> Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> For both Windows 7 and Windows 8.1 <ul style="list-style-type: none"> ThinkVantage System Update Desktop Power Manager Lenovo Solution Center Lenovo Support Lenovo Companion Lenovo Reach Lenovo SHAREit Norton™ Internet Security (30 days of virus definitions) Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote® Nitro Pro Only for Windows 7: <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage Communication Utility ThinkVantage Device Experience View Management Utility Lenovo Message Center Plus Only for Windows 8.1: <ul style="list-style-type: none"> Cyberlink PowerDVD (DVD±RW, DVD) AccuWeather Norton™ Studio Pokki Hightail 																	
Memory	8GB max / DDR3 Low Voltage, DDR3L-1600*, non-parity, one 204-pin SO-DIMM socket * System automatically clocks down for processors with 1333MHz DDR3 memory controller		<i>Some:</i> Windows® Embedded Standard 7 (WES 7) <i>Some:</i> Windows Embedded 8 Standard (WE8S) <i>Some:</i> LeTOS (Lenovo Terminal Operating System, Linux-based) Preloaded applications (only some listed) <ul style="list-style-type: none"> - WE8S only: <ul style="list-style-type: none"> Intel Trusted Execution Engine Interface RDP Client (RDP 8 support) Citrix Receiver VMware Client Internet Explorer 10 Java 8 Adobe Flash Player Microsoft Visual C++ Redistributable Microsoft Windows Embedded Keyboard Filter Database Microsoft® Silverlight Echo Agent (client for LTM) UltraVnc Adobe Acrobat Reader DC - WES 7 only: <ul style="list-style-type: none"> Intel Management Engine Components RDP Client (RDP 8 support) Citrix Client VMware Client Internet Explorer 9 Java Flash .Net Framework Microsoft® Silverlight Echo Agent (client for LTM) Lenovo Thin Client Manager (LTM) Adobe Reader Intel Manageability Engine Firmware Recovery Agent - LeTOS only: <ul style="list-style-type: none"> xFreeRDP Citrix ICA Client VMware View Client Java Mozilla Firefox NX NoMachine Client X11 Client AnyConnect VPN Client 																	
Storage	<i>Some:</i> 8GB or 16GB / DOM (Disk On Module) Card <i>Some:</i> SATA 3.0Gb/s, 2.5" Wide, 5400 or 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 3.0Gb/s, 2.5" wide																			
Optical	<i>Some:</i> Solid State Drive (SSD) / SATA 3.0Gb/s, 2.5" Wide or M.2 <i>Some:</i> external optical box with slim DVD-ROM, 12.7mm high, tray-in, via USB <i>Some:</i> external optical box with slim DVD±RW, 12.7mm high, tray-in, via USB																			
Onboard SATA Media reader	SATA 3.0Gb/s controller, one connectors on planar None																			
Front ports	One USB 3.0 (Always On / Powered), one USB 2.0, one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)																			
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort, one optional port (USB 2.0 or serial on selected models)																			
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port																			
Audio support	High Definition (HD) Audio, Realtek ALC283 / optional internal speaker (1.5 watt)																			
WLAN ¹³	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8192EE, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2																			
Bluetooth™ Ethernet Modem	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN® None																			
Manageability Security chip	None																			
Security features	<ul style="list-style-type: none"> Security slot (in rear for optional Kensington® MicroSaver® cable) Smart USB protection, allows keyboard/mouse only, blocks all storage devices Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional Chassis intrusion switch 																			
Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo <i>Some:</i> Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black <i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black																			
Mouse																				
Mechanical	<ul style="list-style-type: none"> Tiny (1L), business black color; metal case M53 Tiny only: 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration	Environment	ENERGY STAR® 6.0 (for Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3																	
		Accessories	For compatible accessories, please go to TC-AQP sheet																	

See footnotes for more detailed information

ThinkCentre M53 Tiny (10DC) - TopSeller

Product Specifications Reference (PSREF)

Model	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	Monitor Cable	Chassis Intrusion Switch	Floor Stand	VESA Mount	Key-board/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10DC0011US	Pentium J2900	4GBx1	Intel HD	500GB 7200	None	7260 b/g/n	None	None	None	Stand	None	USB	Speaker	65W	None	Win7 P64 DG Win8.1	3-onsite	No	08/14
10DC0012US	Pentium J2900	8GBx1	Intel HD	256GB SSD OPAL	None	7260 b/g/n	None	None	None	Stand	None	USB	Speaker	65W	None	Win7 P64 DG Win8.1	3-onsite	No	08/14
10DC001GUS	Pentium J2900	4GBx1	Intel HD	500GB 7200	None	RTL8723BE	None	None	None	None	None	USB	Speaker	65W	None	Win7 P64 DG Win8.1	1-onsite	No	12/14
10DC001JUS	Pentium J2900	4GBx1	Intel HD	500GB 7200	None	7260 b/g/n	None	None	None	None	None	USB	Speaker	65W	None	Win7 P64 DG Win8.1	1-onsite	No	02/15
10DC001HUS	Pentium J2900	4GBx1	Intel HD	180GB SSD OPAL	None	7260 b/g/n	None	None	None	None	None	USB	Speaker	65W	None	Win7 P64 DG Win8.1	1-onsite	No	02/15
10DC001PUS	Pentium J2900	4GBx1	Intel HD	120GB SSD	None	7260 b/g/n	None	None	None	None	None	USB	Speaker	65W	None	Win7 P64 DG Win8.1	1-onsite	No	05/15

• For detailed platform specifications, please see [ThinkCentre M53 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron® Processor J1000 Series* for Desktop or Intel Pentium® Processor J2000 Series* for Desktop	Manageability Security chip	None None																		
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency (Max/Base)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron J1800</td> <td>2 / 2</td> <td>2.58 / 2.41 GHz</td> <td>1MB</td> <td>DDR3L-1333</td> <td>Intel HD</td> </tr> <tr> <td>Pentium J2900</td> <td>4 / 4</td> <td>2.58 / 2.41 GHz</td> <td>2MB</td> <td>DDR3L-1333</td> <td>Intel HD</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics	Celeron J1800	2 / 2	2.58 / 2.41 GHz	1MB	DDR3L-1333	Intel HD	Pentium J2900	4 / 4	2.58 / 2.41 GHz	2MB	DDR3L-1333	Intel HD	Security features	<ul style="list-style-type: none"> Security slot (in rear for optional Kensington® MicroSaver® cable) Smart USB protection, allows keyboard/ mouse only, blocks all storage devices Power-on password Administrator password <ul style="list-style-type: none"> Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional Chassis intrusion switch
Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics																
Celeron J1800	2 / 2	2.58 / 2.41 GHz	1MB	DDR3L-1333	Intel HD																
Pentium J2900	4 / 4	2.58 / 2.41 GHz	2MB	DDR3L-1333	Intel HD																
Chipset	Intel one-chip platform, integrates processor core, graphics, memory controller, and Platform Controller Hub (PCH) in one chip	Keyboard	USB: Preferred Pro USB Keyboard (USB connector), Lenovo logo USB(Slim): Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo 2.4G: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black																		
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; Maximum resolution: 2560x1600 (DisplayPort)@60Hz; 1920x1200 (VGA)@60Hz	Mouse	USB: Enhanced Optical USB Mouse, black, Lenovo logo 2.4G: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																		
Monitor cable	Optional DisplayPort to DVI-D or DisplayPort to HDMI monitor cable	Mechanical	<ul style="list-style-type: none"> Tiny (1L), business black color; metal case M53 Tiny only: 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration With VESA mount & optical box: 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 4.6 lb (2.1 kg), weight may vary by configuration 																		
Memory	8GB max / DDR3 Low Voltage, DDR3L-1600*, non-parity, one 204-pin SO-DIMM socket * System automatically clocks down for processors with 1333MHz DDR3 memory controller	VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm																		
Storage	<i>Some:</i> 8GB or 16GB / DOM (Disk On Module) Card <i>Some:</i> SATA 3.0Gb/s, 2.5" Wide, 5400 or 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 3.0Gb/s, 2.5" wide	Floor Stand	Optional system floor stand for vertical orientation																		
Optical	<i>Some:</i> Solid State Drive (SSD) / SATA 3.0Gb/s, 2.5" Wide or M.2 <i>Some:</i> external optical box with slim DVD-ROM, 12.7mm high, tray-in, via USB <i>Some:</i> external optical box with slim DVD±RW, 12.7mm high, tray-in, via USB	Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)																		
Onboard SATA Media reader	SATA 3.0Gb/s controller, one connectors on planar None	Limited warranty ³	<i>Some:</i> 1-year, depot service / service upgrades available <i>Some:</i> 1-year or 3-year, limited onsite service / service upgrades available <i>Some:</i> 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>																		
Front ports	One USB 3.0 (Always On / Powered), one USB 2.0, one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	Preload	<i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit <i>Some:</i> Windows 8.1 with Bing 64-bit <i>Some:</i> Genuine Windows® Embedded Standard 7 (WES 7) <i>Some:</i> LeTOS (Lenovo Terminal Operating System, Linux-based)																		
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort, one optional port (USB 2.0 or serial on selected models)	Environment	ENERGY STAR® 6.0 (for Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3																		
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port	Accessories	For compatible accessories, please go to TC-AQP sheet																		
Audio support	High Definition (HD) Audio, Realtek ALC283 / optional internal speaker (1.5 watt)																				
WLAN ¹³	<i>Some:</i> 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 <i>Some:</i> 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2 <i>Some:</i> 11b/g/n, Intel Centrino® Wireless-N 7260, Wi-Fi + BT combo																				
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																				
Ethernet	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®																				
Modem	None																				

See footnotes for more detailed information

ThinkCentre M53 Tiny (10DE) - TopSeller

Product Specifications Reference (PSREF)

Model	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	Monitor Cable	Chassis Intrusion Switch	Floor Stand	VESA Mount	Key-board/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10DE0004US	Celeron J1800	4GBx1	Intel HD	500GB 7200	None	7260 b/g/n	None	None	None	Stand	None	USB	Speaker	65W	None	Win7 P64 DG Win8.1	3-onsite	No	08/14
10DE0005US	Celeron J1800	8GBx1	Intel HD	256GB SSD OPAL	None	7260 b/g/n	None	None	None	Stand	None	USB	Speaker	65W	None	Win7 P64 DG Win8.1	3-onsite	No	08/14
10DE001HUS	Celeron J1800	4GBx1	Intel HD	500GB 7200	None	RTL8723BE	None	None	None	None	None	USB	Speaker	65W	None	Win7 P64 DG Win8.1	1-onsite	No	12/14
10DE001LUS	Celeron J1800	4GBx1	Intel HD	500GB 7200	None	7260 b/g/n	None	DP to DVI	None	None	None	USB	Speaker	65W	None	Win7 P64 DG Win8.1	1-onsite	No	02/15
10DE001KUS	Celeron J1800	4GBx1	Intel HD	128GB SSD	None	7260 b/g/n	None	DP to DVI	None	None	None	USB	Speaker	65W	None	Win7 P64 DG Win8.1	1-onsite	No	02/15

• For detailed platform specifications, please see [ThinkCentre M53 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron® Processor J1000 Series* for Desktop or Intel Pentium® Processor J2000 Series* for Desktop	Manageability Security chip	None None																		
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Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics																
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Chipset	Intel one-chip platform, integrates processor core, graphics, memory controller, and Platform Controller Hub (PCH) in one chip	Keyboard	USB: Preferred Pro USB Keyboard (USB connector), Lenovo logo USB(Slim): Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo 2.4G: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black																		
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; Maximum resolution: 2560x1600 (DisplayPort)@60Hz; 1920x1200 (VGA)@60Hz	Mouse	USB: Enhanced Optical USB Mouse, black, Lenovo logo 2.4G: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black																		
Monitor cable	Optional DisplayPort to DVI-D or DisplayPort to HDMI monitor cable	Mechanical	<ul style="list-style-type: none"> • Tiny (1L), business black color; metal case M53 Tiny only: 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration With VESA mount & optical box: 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 4.6 lb (2.1 kg), weight may vary by configuration																		
Memory	8GB max / DDR3 Low Voltage, DDR3L-1600*, non-parity, one 204-pin SO-DIMM socket * System automatically clocks down for processors with 1333MHz DDR3 memory controller	VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm																		
Storage	Some: 8GB or 16GB / DOM (Disk On Module) Card Some: SATA 3.0Gb/s, 2.5" Wide, 5400 or 7200 rpm Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 3.0Gb/s, 2.5" wide	Floor Stand	Optional system floor stand for vertical orientation																		
Optical	Some: Solid State Drive (SSD) / SATA 3.0Gb/s, 2.5" Wide or M.2 Some: external optical box with slim DVD-ROM, 12.7mm high, tray-in, via USB Some: external optical box with slim DVD±RW, 12.7mm high, tray-in, via USB	Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)																		
Onboard SATA Media reader	SATA 3.0Gb/s controller, one connectors on planar None	Limited warranty ³	Some: 1-year, depot service / service upgrades available Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>																		
Front ports	One USB 3.0 (Always On / Powered), one USB 2.0, one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 8.1 64-bit Some: Windows 8.1 Pro 64-bit Some: Windows 8.1 with Bing 64-bit Some: Genuine Windows® Embedded Standard 7 (WES 7) Some: LeTOS (Lenovo Terminal Operating System, Linux-based)																		
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort, one optional port (USB 2.0 or serial on selected models)	Environment	ENERGY STAR® 6.0 (for Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3																		
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port	Accessories	For compatible accessories, please go to TC-AQP sheet																		
Audio support	High Definition (HD) Audio, Realtek ALC283 / optional internal speaker (1.5 watt)																				
WLAN ¹³	Some: 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 Some: 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2 Some: 11b/g/n, Intel Centrino® Wireless-N 7260, Wi-Fi + BT combo																				
Bluetooth™	Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																				
Ethernet	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®																				
Modem	None																				

See footnotes for more detailed information

ThinkCentre M53 Tiny (10ED) - Thin Client (TopSeller)

Product Specifications Reference (PSREF)

Model	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	Monitor Cable	Chassis Intrusion Switch	Floor Stand	VESA Mount	Keyboard/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10ED0000US	Celeron J1800	2GBx1	Intel HD	16GB DOM Card	None	RTL8723BE	None	DP to DVI	None	Stand	None	USB	Speaker	65W	None	WES7	1-onsite	No	12/14
10ED0001US	Celeron J1800	4GBx1	Intel HD	16GB DOM Card	None	RTL8723BE	None	DP to DVI	None	Stand	None	USB	Speaker	65W	None	WES7	1-onsite	No	12/14
10ED0002US	Celeron J1800	2GBx1	Intel HD	8GB DOM Card	None	RTL8723BE	None	None	None	Stand	None	USB	Speaker	65W	None	LeTOS	1-Depot	No	12/14
10ED0003US	Celeron J1800	4GBx1	Intel HD	8GB DOM Card	None	RTL8723BE	None	None	None	Stand	None	USB	Speaker	65W	None	LeTOS	1-Depot	No	12/14
10ED0007US	Celeron J1800	2GBx1	Intel HD	8GB DOM Card	None	RTL8723BE	None	None	None	None	None	USB	Speaker	65W	None	LeTOS	1-onsite	No	01/15
10ED0008US	Celeron J1800	2GBx1	Intel HD	16GB DOM Card	None	RTL8723BE	None	None	None	None	None	USB	Speaker	65W	None	WES7	1-onsite	No	01/15
10ED0009US	Celeron J1800	4GBx1	Intel HD	8GB DOM Card	None	RTL8723BE	None	None	None	None	None	USB	Speaker	65W	None	LeTOS	1-onsite	No	01/15
10ED000KUS	Celeron J1800	4GBx1	Intel HD	16GB DOM Card	None	RTL8723BE	None	None	Switch	Stand	None	USB	Speaker	65W	None	LeTOS	1-onsite	No	11/15
10ED000LUS	Celeron J1800	2GBx1	Intel HD	16GB DOM Card	None	RTL8723BE	None	None	Switch	Stand	None	USB	Speaker	65W	None	LeTOS	1-onsite	No	11/15
10ED000MUS	Celeron J1800	2GBx1	Intel HD	32GB SSD M.2	None	RTL8723BE	None	None	None	Stand	Mount	USB	Speaker	65W	None	WE8S	3-onsite	No	12/15
10ED000NUS	Celeron J1800	4GBx1	Intel HD	32GB SSD M.2	None	RTL8723BE	None	None	None	Stand	Mount	USB	Speaker	65W	None	WE8S	3-onsite	No	12/15
10ED000PUS	Celeron J1800	2GBx1	Intel HD	32GB SSD M.2	None	RTL8723BE	None	None	None	Stand	Mount	USB	Speaker	65W	None	WE8S	1-onsite	No	12/15
10ED000QUS	Celeron J1800	4GBx1	Intel HD	32GB SSD M.2	None	RTL8723BE	None	None	None	Stand	Mount	USB	Speaker	65W	None	WE8S	1-onsite	No	12/15

• For detailed platform specifications, please see [ThinkCentre M53 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron® Processor J1000 Series* for Desktop or Intel Pentium® Processor J2000 Series* for Desktop	Manageability Security chip	None None																		
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency (Max/Base)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron J1800</td> <td>2 / 2</td> <td>2.58 / 2.41 GHz</td> <td>1MB</td> <td>DDR3L-1333</td> <td>Intel HD</td> </tr> <tr> <td>Pentium J2900</td> <td>4 / 4</td> <td>2.58 / 2.41 GHz</td> <td>2MB</td> <td>DDR3L-1333</td> <td>Intel HD</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics	Celeron J1800	2 / 2	2.58 / 2.41 GHz	1MB	DDR3L-1333	Intel HD	Pentium J2900	4 / 4	2.58 / 2.41 GHz	2MB	DDR3L-1333	Intel HD	Security features	<ul style="list-style-type: none"> • Security slot (in rear for optional Kensington® MicroSaver® cable) • Smart USB protection, allows keyboard/ mouse only, blocks all storage devices • Power-on password • Administrator password <ul style="list-style-type: none"> • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional Chassis intrusion switch
Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics																
Celeron J1800	2 / 2	2.58 / 2.41 GHz	1MB	DDR3L-1333	Intel HD																
Pentium J2900	4 / 4	2.58 / 2.41 GHz	2MB	DDR3L-1333	Intel HD																
Chipset	Intel one-chip platform, integrates processor core, graphics, memory controller, and Platform Controller Hub (PCH) in one chip	Keyboard	<p>USB: Preferred Pro USB Keyboard (USB connector), Lenovo logo</p> <p>USB(Slim): Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo</p> <p>2.4G: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black</p>																		
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; Maximum resolution: 2560x1600 (DisplayPort)@60Hz; 1920x1200 (VGA)@60Hz	Mouse	<p>USB: Enhanced Optical USB Mouse, black, Lenovo logo</p> <p>2.4G: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black</p>																		
Monitor cable	Optional DisplayPort to DVI-D or DisplayPort to HDMI monitor cable	Mechanical	<ul style="list-style-type: none"> • Tiny (1L), business black color; metal case <p>M53 Tiny only: 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration</p> <p>With VESA mount & optical box: 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 4.6 lb (2.1 kg), weight may vary by configuration</p>																		
Memory	8GB max / DDR3 Low Voltage, DDR3L-1600*, non-parity, one 204-pin SO-DIMM socket * System automatically clocks down for processors with 1333MHz DDR3 memory controller	VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm																		
Storage	Some: 8GB or 16GB / DOM (Disk On Module) Card Some: SATA 3.0Gb/s, 2.5" Wide, 5400 or 7200 rpm Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 3.0Gb/s, 2.5" wide	Floor Stand	Optional system floor stand for vertical orientation																		
Optical	Some: Solid State Drive (SSD) / SATA 3.0Gb/s, 2.5" Wide or M.2 Some: external optical box with slim DVD-ROM, 12.7mm high, tray-in, via USB Some: external optical box with slim DVD±RW, 12.7mm high, tray-in, via USB	Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)																		
Onboard SATA Media reader	SATA 3.0Gb/s controller, one connectors on planar None	Limited warranty ³	<p>Some: 1-year, depot service / service upgrades available</p> <p>Some: 1-year or 3-year, limited onsite service / service upgrades available</p> <p>Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available</p> <p>For Lenovo service upgrade options, please go to S-TC sheet</p>																		
Front ports	One USB 3.0 (Always On / Powered), one USB 2.0, one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	Preload	<p>Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit</p> <p>Some: Windows 7 Professional 64</p> <p>Some: Windows 8.1 64-bit</p> <p>Some: Windows 8.1 Pro 64-bit</p> <p>Some: Windows 8.1 with Bing 64-bit</p> <p>Some: Genuine Windows® Embedded Standard 7 (WES 7)</p> <p>Some: LeTOS (Lenovo Terminal Operating System, Linux-based)</p>																		
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort, one optional port (USB 2.0 or serial on selected models)	Environment	ENERGY STAR® 6.0 (for Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3																		
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port	Accessories	For compatible accessories, please go to TC-AQP sheet																		
Audio support	High Definition (HD) Audio, Realtek ALC283 / optional internal speaker (1.5 watt)																				
WLAN ¹³	Some: 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 Some: 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2 Some: 11b/g/n, Intel Centrino® Wireless-N 7260, Wi-Fi + BT combo																				
Bluetooth™	Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																				
Ethernet	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®																				
Modem	None																				

See footnotes for more detailed information

ThinkCentre M53 Tiny (10DB)

Product Specifications Reference (PSREF)

Model	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	Monitor Cable	Chassis Intrusion Switch	Floor Stand	VESA Mount	Key-board/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10DB000WUS	Pentium J2900	4GBx1	Intel HD	500GB 7200	None	7260 b/g/n	None	None	None	None	None	USB	Speaker	65W	None	Win7 P64 DG Win8.1	3-onsite	No	08/14
10DB000XUS	Pentium J2900	8GBx1	Intel HD	256GB SSD	None	7260 b/g/n	None	None	None	None	None	USB	Speaker	65W	None	Win7 P64 DG Win8.1	3-onsite	No	08/14

• For detailed platform specifications, please see [ThinkCentre M53 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron® Processor J1000 Series* for Desktop or Intel Pentium® Processor J2000 Series* for Desktop	Manageability Security chip	None None																		
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency (Max/Base)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron J1800</td> <td>2 / 2</td> <td>2.58 / 2.41 GHz</td> <td>1MB</td> <td>DDR3L-1333</td> <td>Intel HD</td> </tr> <tr> <td>Pentium J2900</td> <td>4 / 4</td> <td>2.58 / 2.41 GHz</td> <td>2MB</td> <td>DDR3L-1333</td> <td>Intel HD</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics	Celeron J1800	2 / 2	2.58 / 2.41 GHz	1MB	DDR3L-1333	Intel HD	Pentium J2900	4 / 4	2.58 / 2.41 GHz	2MB	DDR3L-1333	Intel HD	Security features	<ul style="list-style-type: none"> • Security slot (in rear for optional Kensington® MicroSaver® cable) • Smart USB protection, allows keyboard/ mouse only, blocks all storage devices • Power-on password • Administrator password <ul style="list-style-type: none"> • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional Chassis intrusion switch
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Chipset	Intel one-chip platform, integrates processor core, graphics, memory controller, and Platform Controller Hub (PCH) in one chip	Keyboard	USB: Preferred Pro USB Keyboard (USB connector), Lenovo logo USB(Slim): Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo 2.4G: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black																		
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; Maximum resolution: 2560x1600 (DisplayPort)@60Hz; 1920x1200 (VGA)@60Hz	Mouse	USB: Enhanced Optical USB Mouse, black, Lenovo logo 2.4G: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black																		
Monitor cable	Optional DisplayPort to DVI-D or DisplayPort to HDMI monitor cable	Mechanical	<ul style="list-style-type: none"> • Tiny (1L), business black color; metal case M53 Tiny only: 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration With VESA mount & optical box: 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 4.6 lb (2.1 kg), weight may vary by configuration 																		
Memory	8GB max / DDR3 Low Voltage, DDR3L-1600*, non-parity, one 204-pin SO-DIMM socket * System automatically clocks down for processors with 1333MHz DDR3 memory controller	VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm																		
Storage	Some: 8GB or 16GB / DOM (Disk On Module) Card Some: SATA 3.0Gb/s, 2.5" Wide, 5400 or 7200 rpm Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 3.0Gb/s, 2.5" wide	Floor Stand	Optional system floor stand for vertical orientation																		
Optical	Some: Solid State Drive (SSD) / SATA 3.0Gb/s, 2.5" Wide or M.2 Some: external optical box with slim DVD-ROM, 12.7mm high, tray-in, via USB Some: external optical box with slim DVD±RW, 12.7mm high, tray-in, via USB	Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)																		
Onboard SATA Media reader	SATA 3.0Gb/s controller, one connectors on planar None	Limited warranty ³	Some: 1-year, depot service / service upgrades available Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																		
Front ports	One USB 3.0 (Always On / Powered), one USB 2.0, one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 8.1 64-bit Some: Windows 8.1 Pro 64-bit Some: Windows 8.1 with Bing 64-bit Some: Genuine Windows® Embedded Standard 7 (WES 7) Some: LeTOS (Lenovo Terminal Operating System, Linux-based)																		
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort, one optional port (USB 2.0 or serial on selected models)	Environment	ENERGY STAR® 6.0 (for Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3																		
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port	Accessories	For compatible accessories, please go to TC-AQP sheet																		
Audio support	High Definition (HD) Audio, Realtek ALC283 / optional internal speaker (1.5 watt)																				
WLAN ¹³	Some: 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 Some: 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2 Some: 11b/g/n, Intel Centrino® Wireless-N 7260, Wi-Fi + BT combo																				
Bluetooth™	Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																				
Ethernet	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®																				
Modem	None																				

See footnotes for more detailed information

ThinkCentre M53 Tiny (10DD)

Product Specifications Reference (PSREF)

Model	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	Monitor Cable	Chassis Intrusion Switch	Floor Stand	VESA Mount	Key-board/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10DD000QUS	Celeron J1800	8GBx1	Intel HD	256GB SSD	None	7260 b/g/n	None	None	None	None	None	USB	Speaker	65W	None	Win7 P64 DG Win8.1	3-onsite	No	08/14
10DD000PUS	Celeron J1800	4GBx1	Intel HD	500GB 7200	None	7260 b/g/n	None	None	None	None	None	USB	Speaker	65W	None	Win7 P64 DG Win8.1	3-onsite	No	08/14

• For detailed platform specifications, please see [ThinkCentre M53 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron® Processor J1000 Series* for Desktop or Intel Pentium® Processor J2000 Series* for Desktop	Manageability Security chip	None None																		
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency (Max/Base)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron J1800</td> <td>2 / 2</td> <td>2.58 / 2.41 GHz</td> <td>1MB</td> <td>DDR3L-1333</td> <td>Intel HD</td> </tr> <tr> <td>Pentium J2900</td> <td>4 / 4</td> <td>2.58 / 2.41 GHz</td> <td>2MB</td> <td>DDR3L-1333</td> <td>Intel HD</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics	Celeron J1800	2 / 2	2.58 / 2.41 GHz	1MB	DDR3L-1333	Intel HD	Pentium J2900	4 / 4	2.58 / 2.41 GHz	2MB	DDR3L-1333	Intel HD	Security features	<ul style="list-style-type: none"> • Security slot (in rear for optional Kensington® MicroSaver® cable) • Smart USB protection, allows keyboard/ mouse only, blocks all storage devices • Power-on password • Administrator password <ul style="list-style-type: none"> • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional <i>Chassis intrusion switch</i>
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Chipset	Intel one-chip platform, integrates processor core, graphics, memory controller, and Platform Controller Hub (PCH) in one chip	Keyboard	USB: Preferred Pro USB Keyboard (USB connector), Lenovo logo USB(Slim): Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo 2.4G: Lenovo Slim Wireless Keyboard (2.4GHz via USB receiver), black																		
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; Maximum resolution: 2560x1600 (DisplayPort)@60Hz; 1920x1200 (VGA)@60Hz	Mouse	USB: Enhanced Optical USB Mouse, black, Lenovo logo 2.4G: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black																		
Monitor cable	Optional DisplayPort to DVI-D or DisplayPort to HDMI monitor cable	Mechanical	<ul style="list-style-type: none"> • Tiny (1L), business black color; metal case M53 Tiny only: 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration With VESA mount & optical box: 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 4.6 lb (2.1 kg), weight may vary by configuration																		
Memory	8GB max / DDR3 Low Voltage, DDR3L-1600*, non-parity, one 204-pin SO-DIMM socket * System automatically clocks down for processors with 1333MHz DDR3 memory controller	VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm																		
Storage	<i>Some:</i> 8GB or 16GB / DOM (Disk On Module) Card <i>Some:</i> SATA 3.0Gb/s, 2.5" Wide, 5400 or 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 3.0Gb/s, 2.5" wide	Floor Stand	Optional system floor stand for vertical orientation																		
Optical	<i>Some:</i> Solid State Drive (SSD) / SATA 3.0Gb/s, 2.5" Wide or M.2 <i>Some:</i> external optical box with slim DVD-ROM, 12.7mm high, tray-in, via USB <i>Some:</i> external optical box with slim DVD±RW, 12.7mm high, tray-in, via USB	Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)																		
Onboard SATA Media reader	SATA 3.0Gb/s controller, one connectors on planar None	Limited warranty ³	<i>Some:</i> 1-year, depot service / service upgrades available <i>Some:</i> 1-year or 3-year, limited onsite service / service upgrades available <i>Some:</i> 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																		
Front ports	One USB 3.0 (Always On / Powered), one USB 2.0, one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	Preload	<i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit <i>Some:</i> Windows 8.1 with Bing 64-bit <i>Some:</i> Genuine Windows® Embedded Standard 7 (WES 7) <i>Some:</i> LeTOS (Lenovo Terminal Operating System, Linux-based)																		
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort, one optional port (USB 2.0 or serial on selected models)	Environment	ENERGY STAR® 6.0 (for Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3																		
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port	Accessories	For compatible accessories, please go to TC-AQP sheet																		
Audio support	High Definition (HD) Audio, Realtek ALC283 / optional internal speaker (1.5 watt)																				
WLAN ¹³	<i>Some:</i> 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 <i>Some:</i> 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2 <i>Some:</i> 11b/g/n, Intel Centrino® Wireless-N 7260, Wi-Fi + BT combo																				
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																				
Ethernet	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®																				
Modem	None																				

See footnotes for more detailed information

ThinkCentre M53 Tiny (10DX) - TIO models

Product Specifications Reference (PSREF)

Model	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	Monitor Cable	Chassis Intrusion Switch	Floor Stand	VESA Mount	Key-board/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10DX000JUS	Celeron J1800	4GBx1	Intel HD	500GB 5400	None	RTL8723BE	None	None	Switch	None	None	USB	Speaker	None	None	Win7 P64 DG Win8.1	3-onsite, OID	Global	10/14
10DX000KUS	Celeron J1800	4GBx1	Intel HD	500GB 7200	None	RTL8723BE	None	None	Switch	None	None	USB	Speaker	None	None	Win7 P64 DG Win8.1	3-onsite, OID	Global	10/14

• For detailed platform specifications, please see [ThinkCentre M53 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron® Processor J1000 Series* for Desktop or Intel Pentium® Processor J2000 Series* for Desktop	Manageability Security chip	None None																		
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency (Max/Base)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron J1800</td> <td>2 / 2</td> <td>2.58 / 2.41 GHz</td> <td>1MB</td> <td>DDR3L-1333</td> <td>Intel HD</td> </tr> <tr> <td>Pentium J2900</td> <td>4 / 4</td> <td>2.58 / 2.41 GHz</td> <td>2MB</td> <td>DDR3L-1333</td> <td>Intel HD</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics	Celeron J1800	2 / 2	2.58 / 2.41 GHz	1MB	DDR3L-1333	Intel HD	Pentium J2900	4 / 4	2.58 / 2.41 GHz	2MB	DDR3L-1333	Intel HD	Security features	<ul style="list-style-type: none"> • Security slot (in rear for optional Kensington® MicroSaver® cable) • Smart USB protection, allows keyboard/ mouse only, blocks all storage devices • Power-on password • Administrator password <ul style="list-style-type: none"> • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional Chassis intrusion switch
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Celeron J1800	2 / 2	2.58 / 2.41 GHz	1MB	DDR3L-1333	Intel HD																
Pentium J2900	4 / 4	2.58 / 2.41 GHz	2MB	DDR3L-1333	Intel HD																
Chipset	Intel one-chip platform, integrates processor core, graphics, memory controller, and Platform Controller Hub (PCH) in one chip	Keyboard	USB: Preferred Pro USB Keyboard (USB connector), Lenovo logo USB(Slim): Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo 2.4G: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black																		
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; Maximum resolution: 2560x1600 (DisplayPort)@60Hz; 1920x1200 (VGA)@60Hz	Mouse	USB: Enhanced Optical USB Mouse, black, Lenovo logo 2.4G: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black																		
Monitor cable	Optional DisplayPort to DVI-D or DisplayPort to HDMI monitor cable	Mechanical	<ul style="list-style-type: none"> • Tiny (1L), business black color; metal case M53 Tiny only: 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration With VESA mount & optical box: 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 4.6 lb (2.1 kg), weight may vary by configuration 																		
Memory	8GB max / DDR3 Low Voltage, DDR3L-1600*, non-parity, one 204-pin SO-DIMM socket * System automatically clocks down for processors with 1333MHz DDR3 memory controller	VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm																		
Storage	<i>Some:</i> 8GB or 16GB / DOM (Disk On Module) Card <i>Some:</i> SATA 3.0Gb/s, 2.5" Wide, 5400 or 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 3.0Gb/s, 2.5" wide	Floor Stand	Optional system floor stand for vertical orientation																		
Optical	<i>Some:</i> Solid State Drive (SSD) / SATA 3.0Gb/s, 2.5" Wide or M.2 <i>Some:</i> external optical box with slim DVD-ROM, 12.7mm high, tray-in, via USB <i>Some:</i> external optical box with slim DVD±RW, 12.7mm high, tray-in, via USB	Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)																		
Onboard SATA Media reader	SATA 3.0Gb/s controller, one connectors on planar None	Limited warranty ³	<i>Some:</i> 1-year, depot service / service upgrades available <i>Some:</i> 1-year or 3-year, limited onsite service / service upgrades available <i>Some:</i> 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																		
Front ports	One USB 3.0 (Always On / Powered), one USB 2.0, one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	Preload	<i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit <i>Some:</i> Windows 8.1 with Bing 64-bit <i>Some:</i> Genuine Windows® Embedded Standard 7 (WES 7) <i>Some:</i> LeTOS (Lenovo Terminal Operating System, Linux-based)																		
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort, one optional port (USB 2.0 or serial on selected models)	Environment	ENERGY STAR® 6.0 (for Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3																		
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port	Accessories	For compatible accessories, please go to TC-AQP sheet																		
Audio support	High Definition (HD) Audio, Realtek ALC283 / optional internal speaker (1.5 watt)																				
WLAN ¹³	<i>Some:</i> 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 <i>Some:</i> 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2 <i>Some:</i> 11b/g/n, Intel Centrino® Wireless-N 7260, Wi-Fi + BT combo																				
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																				
Ethernet	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®																				
Modem	None																				

See footnotes for more detailed information

ThinkCentre M53 Tiny (10EC) - Thin Client

Product Specifications Reference (PSREF)

Model	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	Monitor Cable	Chassis Intrusion Switch	Floor Stand	VESA Mount	Keyboard/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10EC000HUS	Celeron J1800	2GBx1	Intel HD	16GB DOM Card	None	None	None	None	None	None	None	USB	Speaker	65W	None	WES7	1-onsite	No	12/14
10EC000JUS	Celeron J1800	4GBx1	Intel HD	16GB DOM Card	None	RTL8723BE	None	None	None	None	None	USB	Speaker	65W	None	WES7	1-onsite	No	12/14
10EC000KUS	Celeron J1800	2GBx1	Intel HD	8GB DOM Card	None	None	None	None	None	None	None	USB	Speaker	65W	None	LeTOS	1-onsite	No	12/14
10EC000LUS	Celeron J1800	4GBx1	Intel HD	8GB DOM Card	None	RTL8723BE	None	None	None	None	None	USB	Speaker	65W	None	LeTOS	1-onsite	No	12/14
10EC000NUS	Celeron J1800	2GBx1	Intel HD	16GB DOM Card	None	RTL8723BE	None	None	None	None	None	USB	Speaker	65W	None	WES7	1-onsite	No	01/15
10EC000MUS	Celeron J1800	2GBx1	Intel HD	8GB DOM Card	None	RTL8723BE	None	None	None	None	None	USB	Speaker	65W	None	LeTOS	1-onsite	No	01/15
10EC0019US	Celeron J1800	4GBx1	Intel HD	16GB DOM Card	None	RTL8723BE	None	None	None	Stand	None	USB	Speaker	65W	None	LeTOS	1-onsite	No	11/15
10EC001AUS	Celeron J1800	2GBx1	Intel HD	16GB DOM Card	None	RTL8723BE	None	None	None	Stand	None	USB	Speaker	65W	None	LeTOS	1-onsite	No	11/15

• For detailed platform specifications, please see [ThinkCentre M53 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron® Processor J1000 Series* for Desktop or Intel Pentium® Processor J2000 Series* for Desktop	Manageability Security chip	None None																		
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency (Max/Base)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron J1800</td> <td>2 / 2</td> <td>2.58 / 2.41 GHz</td> <td>1MB</td> <td>DDR3L-1333</td> <td>Intel HD</td> </tr> <tr> <td>Pentium J2900</td> <td>4 / 4</td> <td>2.58 / 2.41 GHz</td> <td>2MB</td> <td>DDR3L-1333</td> <td>Intel HD</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics	Celeron J1800	2 / 2	2.58 / 2.41 GHz	1MB	DDR3L-1333	Intel HD	Pentium J2900	4 / 4	2.58 / 2.41 GHz	2MB	DDR3L-1333	Intel HD	Security features	<ul style="list-style-type: none"> Security slot (in rear for optional Kensington® MicroSaver® cable) Smart USB protection, allows keyboard/ mouse only, blocks all storage devices Power-on password Administrator password <ul style="list-style-type: none"> Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional Chassis intrusion switch
Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics																
Celeron J1800	2 / 2	2.58 / 2.41 GHz	1MB	DDR3L-1333	Intel HD																
Pentium J2900	4 / 4	2.58 / 2.41 GHz	2MB	DDR3L-1333	Intel HD																
Chipset	Intel one-chip platform, integrates processor core, graphics, memory controller, and Platform Controller Hub (PCH) in one chip	Keyboard	<p>USB: Preferred Pro USB Keyboard (USB connector), Lenovo logo</p> <p>USB(Slim): Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo</p> <p>2.4G: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black</p>																		
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; Maximum resolution: 2560x1600 (DisplayPort)@60Hz; 1920x1200 (VGA)@60Hz	Mouse	<p>USB: Enhanced Optical USB Mouse, black, Lenovo logo</p> <p>2.4G: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black</p>																		
Monitor cable	Optional DisplayPort to DVI-D or DisplayPort to HDMI monitor cable	Mechanical	<ul style="list-style-type: none"> Tiny (1L), business black color; metal case M53 Tiny only: 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration With VESA mount & optical box: 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 4.6 lb (2.1 kg), weight may vary by configuration 																		
Memory	8GB max / DDR3 Low Voltage, DDR3L-1600*, non-parity, one 204-pin SO-DIMM socket * System automatically clocks down for processors with 1333MHz DDR3 memory controller	VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm																		
Storage	Some: 8GB or 16GB / DOM (Disk On Module) Card Some: SATA 3.0Gb/s, 2.5" Wide, 5400 or 7200 rpm Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 3.0Gb/s, 2.5" wide	Floor Stand	Optional system floor stand for vertical orientation																		
Optical	Some: Solid State Drive (SSD) / SATA 3.0Gb/s, 2.5" Wide or M.2 Some: external optical box with slim DVD-ROM, 12.7mm high, tray-in, via USB Some: external optical box with slim DVD±RW, 12.7mm high, tray-in, via USB	Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)																		
Onboard SATA Media reader	SATA 3.0Gb/s controller, one connectors on planar None	Limited warranty ³	<p>Some: 1-year, depot service / service upgrades available</p> <p>Some: 1-year or 3-year, limited onsite service / service upgrades available</p> <p>Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available</p> <p>For Lenovo service upgrade options, please go to S-TC sheet</p>																		
Front ports	One USB 3.0 (Always On / Powered), one USB 2.0, one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	Preload	<p>Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit</p> <p>Some: Windows 7 Professional 64</p> <p>Some: Windows 8.1 64-bit</p> <p>Some: Windows 8.1 Pro 64-bit</p> <p>Some: Windows 8.1 with Bing 64-bit</p> <p>Some: Genuine Windows® Embedded Standard 7 (WES 7)</p> <p>Some: LeTOS (Lenovo Terminal Operating System, Linux-based)</p>																		
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort, one optional port (USB 2.0 or serial on selected models)	Environment	ENERGY STAR® 6.0 (for Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3																		
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port	Accessories	For compatible accessories, please go to TC-AQP sheet																		
Audio support	High Definition (HD) Audio, Realtek ALC283 / optional internal speaker (1.5 watt)																				
WLAN ¹³	Some: 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 Some: 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2 Some: 11b/g/n, Intel Centrino® Wireless-N 7260, Wi-Fi + BT combo																				
Bluetooth™	Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																				
Ethernet	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®																				
Modem	None																				

See footnotes for more detailed information



ThinkCentre M600 Tiny with optional floor stand, wireless keyboard/mouse, and monitor



ThinkCentre M600 Tiny with optional floor stand



ThinkCentre M600 Tiny with optional VESA mount kit



ThinkCentre M600 Tiny



ThinkCentre M600 Tiny with optional I/O box



ThinkCentre M600 Tiny with TIO

ThinkCentre M600 Tiny Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron® Processor N3000 Series or Intel Pentium® Processor N3000 Series						Keyboard <i>Some:</i> PS/2 Keyboard (PS/2 connector), Lenovo logo <i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo USB Fingerprint Keyboard (USB connector) <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black												
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics													
	Celeron N3000	2 / 2	1.04 / 2.08 GHz	2MB	DDR3L-1600	Intel HD													
	Celeron N3050	2 / 2	1.6 / 2.16 GHz	2MB	DDR3L-1600	Intel HD													
	Pentium N3700	4 / 4	1.6 / 2.4 GHz	2MB	DDR3L-1600	Intel HD													
Chipset	Intel Architecture (IA) SoC that integrates Intel processor core, graphics, memory controller, and I/O interfaces into a single system-on-chip solution						Mouse <i>Some:</i> PS/2 Optical Wheel Mouse, black, Lenovo logo <i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black												
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 11.1, twoDisplayPort™, one optional 3rd DP or VGA, supports triple independent display; Maximum resolution: 3840x2160(DP)@30Hz; 1920x1200(optional VGA)@60Hz; 1920x1080(DP to VGA dongle)@60Hz; 1920x1080(DP to DVI dongle)@60Hz; 3840x2160(DP to HDMI dongle)@30Hz																		
Monitor cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle																		
Memory	8GB max / DDR3 Low Voltage, DDR3L-1600, non-parity, one 204-pin SO-DIMM socket																		
Storage	<i>Some:</i> M.2 Solid State Drive (SSD), SATA interface <i>Some:</i> hard disk, 5400 or 7200 rpm, SATA 6.0Gb/s, 2.5" Wide <i>Some:</i> 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide						Mechanical • Tiny (1L), black color; metal case												
Optical	<i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide <i>Some:</i> external ODD box with DVD-ROM, 9.5mm high, via USB <i>Some:</i> external ODD box with DVD±RW, 9.5mm high, via USB <i>Some:</i> external ODD box (for TIO) with DVD-ROM, 9.5mm high, via USB <i>Some:</i> external ODD box (for TIO) with DVD±RW, 9.5mm high, via USB																		
Onboard SATA Media reader	SATA 6.0Gb/s controller, one connectors on planar None																		
Front ports	Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)																		
Rear ports	Two USB 2.0, two USB 3.0 (optional external optical box or I/O box occupies one or two specific USB on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, or serial on some models), one headphone;						<table border="1"> <thead> <tr> <th></th> <th>Dimensions (WxDxH)</th> <th>Max weight (lb / kg)</th> </tr> </thead> <tbody> <tr> <td>M600 Tiny only (1L)</td> <td>7.05" X 7.20" X 1.36" 179mm X 182.9mm X 34.5mm</td> <td>2.9 lb (1.3 kg)</td> </tr> <tr> <td>M600 Tiny (1L) with VESA mount & ODD box</td> <td>7.42" X 7.30" X 2.48" 188.4mm X 185.38mm X 63mm</td> <td>4.12 lb (1.87 kg)</td> </tr> <tr> <td>M600 Tiny (1L) with VESA mount & I/O box</td> <td>7.42" X 7.30" X 2.62" 188.4mm X 185.38mm X 66.6mm</td> <td>3.53 lb (1.6 kg)</td> </tr> </tbody> </table>		Dimensions (WxDxH)	Max weight (lb / kg)	M600 Tiny only (1L)	7.05" X 7.20" X 1.36" 179mm X 182.9mm X 34.5mm	2.9 lb (1.3 kg)	M600 Tiny (1L) with VESA mount & ODD box	7.42" X 7.30" X 2.48" 188.4mm X 185.38mm X 63mm	4.12 lb (1.87 kg)	M600 Tiny (1L) with VESA mount & I/O box	7.42" X 7.30" X 2.62" 188.4mm X 185.38mm X 66.6mm	3.53 lb (1.6 kg)
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M600 Tiny only (1L)	7.05" X 7.20" X 1.36" 179mm X 182.9mm X 34.5mm	2.9 lb (1.3 kg)																	
M600 Tiny (1L) with VESA mount & ODD box	7.42" X 7.30" X 2.48" 188.4mm X 185.38mm X 63mm	4.12 lb (1.87 kg)																	
M600 Tiny (1L) with VESA mount & I/O box	7.42" X 7.30" X 2.62" 188.4mm X 185.38mm X 66.6mm	3.53 lb (1.6 kg)																	
I/O box	Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M600 Tiny)																		
Audio support	High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)																		
WLAN ¹³	<i>Some:</i> 11ac wireless, M.2 Card, Realtek RTL8821AE (dual band), Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2																		
Bluetooth™	<i>Some:</i> Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter						<p>VESA mount Floor Stand Optional VESA mount bracket kit, supports VESA 75mm and 100mm Optional system floor stand for vertical orientation</p> <p>Power supply 65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models) 90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)</p> <p>Limited warranty³ <i>Some:</i> 1-year or 3-year, depot service / service upgrades available <i>Some:</i> 1-year or 3-year, limited onsite service / service upgrades available <i>Some:</i> 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i></p> <p>Preload <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows® 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit Preloaded applications (only some listed) • Desktop Power Manager • Lenovo Solution Center • Lenovo REACHit • Lenovo SHAREit • Lenovo Bluetooth Lock • McAfee® LiveSafe™ (30-day trial) • Microsoft Office preloaded; purchase a product key to activate • PowerDVD Create (DVD±RW) • Lenovo ThinkVantage Tools - Only for Window 10 • Lenovo Companion (Win10) • Cyberlink PowerDVD (DVD, DVD±RW) • Lenovo QuickOptimizer - Only for Window 7 • Rescue and Recovery • Password Manager • ThinkVantage System Update • Lenovo Message Center Plus • Adobe® Reader®</p> <p><i>Some:</i> Windows® Embedded Standard 7 (WES 7) <i>Some:</i> LeTOS (Lenovo Terminal Operating System, Linux-based) Preloaded applications (only some listed) - WES 7 only: • RDP Client (RDP 8.1 support) • Citrix Client • VMware Client • Internet Explorer 11 • Java • Flash • .Net Framework • Microsoft® Silverlight • Echo Agent (client for LTM, Lenovo Thin Client Manager) • Adobe Reader • UltraVNC - LeTOS only: • xFreeRDP • Citrix ICA Client • VMware View Client • Java • Mozilla Firefox</p>												
Ethernet Modem	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN® None																		
Manageability Security chip	None Trusted Platform Module, TCG 1.2-compliant																		
Security features	<ul style="list-style-type: none"> • Security slot (in rear for optional Kensington® MicroSaver® cable) • Padlock loop • Smart USB protection, allows keyboard/mouse only, blocks all storage devices • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch 																		
Environment	ENERGY STAR® 6.0*, EPEAT™ Gold rating* (*for Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3																		
Accessories	For compatible accessories, please go to TC-AQP sheet																		

See footnotes for more detailed information

ThinkCentre M600 Tiny (10GB) - TopSeller

Product Specifications Reference (PSREF)

Model	Case 1L/2L	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	Monitor Cable	Chassis Intrusion Switch	Floor Stand	VESA Mount	Key-board/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10GB000LUS	1L	Celeron N3050	4GBx1	Intel HD	120GB SSD	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker	65W	None	Win7 P64 DG Win10	3-onsite	No	10/15
10GB000MUS	1L	Celeron N3050	4GBx1	Intel HD	120GB SSD	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker	65W	None	Win10 Pro64	3-onsite	No	10/15
10GB000JUS	1L	Celeron N3050	4GBx1	Intel HD	500GB 7200	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker	65W	None	Win10 Pro64	3-onsite	No	10/15
10GB000KUS	1L	Celeron N3050	4GBx1	Intel HD	500GB 7200	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker	65W	None	Win7 P64 DG Win10	3-onsite	No	10/15

• For detailed platform specifications, please see [ThinkCentre M600 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron® Processor N3000 Series or Intel Pentium® Processor N3000 Series	Manageability Security chip Security features	None Trusted Platform Module, TCG 1.2-compliant • Security slot (in rear for optional Kensington® MicroSaver® cable) • Padlock loop • Smart USB protection, allows keyboard/ mouse only, blocks all storage devices • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch
Chipset	Intel Architecture (IA) SoC that integrates Intel processor core, graphics, memory controller, and I/O interfaces into a single system-on-chip solution	Keyboard	Some: PS/2 Keyboard (PS/2 connector), Lenovo logo Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector) Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 11.1, twoDisplayPort™, one optional 3rd DP or VGA, supports triple independent display; Maximum resolution: 3840x2160(DP)@30Hz; 1920x1200(optional VGA)@60Hz	Mouse	Some: PS/2 Optical Wheel Mouse, black, Lenovo logo Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black
Monitor cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Mechanical VESA mount Floor Stand	• Tiny (1L), black color; metal case Optional VESA mount bracket kit, supports VESA 75mm and 100mm Optional system floor stand for vertical orientation
Memory	8GB max / DDR3 Low Voltage, DDR3L-1600, non-parity, one 204-pin SO-DIMM socket	Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models) 90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)
Storage	Some: M.2 Solid State Drive (SSD), SATA interface Some: hard disk, 5400 or 7200 rpm, SATA 6.0Gb/s, 2.5" Wide Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide	Limited warranty ³	Some: 1-year or 3-year, depot service / service upgrades available Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet
Optical	Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: external ODD box with DVD-ROM or DVD±RW, 9.5mm, via USB Some: external ODD box (for TIO) with DVD-ROM or DVD±RW, 9.5mm, via USB	Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows® 10 Pro 64-bit Some: Windows 10 Home 64-bit Some: Windows® Embedded Standard 7 (WES 7) Some: LeTOS (Lenovo Terminal Operating System, Linux-based)
Onboard SATA	SATA 6.0Gb/s controller, one connectors on planar	Environment	ENERGY STAR® 6.0*, EPEAT™ Gold rating*(**for Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3
Front ports	Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	Accessories	For compatible accessories, please go to TC-AQP sheet
Rear ports	Two USB 2.0, two USB 3.0 (optional external optical box or I/O box occupies one or two specific USB on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, or serial on some models), one headphone;		
I/O box	Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M600 Tiny)		
Audio support	High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)		
WLAN ¹³	Some: 11ac, M.2, Realtek RTL8821AE (dual band), Wi-Fi + BT 4.0, 1x1 Some: 11ac, M.2, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + BT 4.1, 1x1 Some: 11ac, M.2, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + BT 4.1, 2x2 Some: 11ac, M.2, Intel Dual Band Wireless-AC 3165, Wi-Fi + BT 4.0, 1x1 Some: 11ac, M.2, Intel Dual Band Wireless-AC 8260, Wi-Fi + BT 4.1, 2x2		
Bluetooth™	Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter		
Ethernet	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®		

See footnotes for more detailed information

ThinkCentre M600 Tiny (10G9) - TopSeller

Product Specifications Reference (PSREF)

Model	Case 1L/2L	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	Monitor Cable	Chassis Intrusion Switch	Floor Stand	VESA Mount	Key-board/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10G9000KUS	1L	Pentium N3700	4GBx1	Intel HD	120GB SSD	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker	65W	None	Win7 P64 DG Win10	3-onsite	No	10/15
10G9000LUS	1L	Pentium N3700	4GBx1	Intel HD	120GB SSD	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker	65W	None	Win10 Pro64	3-onsite	No	10/15
10G9000MUS	1L	Pentium N3700	4GBx1	Intel HD	500GB 7200	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker	65W	None	Win10 Pro64	3-onsite	No	10/15
10G9000NUS	1L	Pentium N3700	4GBx1	Intel HD	500GB 7200	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker	65W	None	Win7 P64 DG Win10	3-onsite	No	10/15

• For detailed platform specifications, please see [ThinkCentre M600 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron® Processor N3000 Series or Intel Pentium® Processor N3000 Series	Manageability Security chip Security features	None Trusted Platform Module, TCG 1.2-compliant • Security slot (in rear for optional Kensington® MicroSaver® cable) • Padlock loop • Smart USB protection, allows keyboard/ mouse only, blocks all storage devices • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch
Chipset	Intel Architecture (IA) SoC that integrates Intel processor core, graphics, memory controller, and I/O interfaces into a single system-on-chip solution	Keyboard	Some: PS/2 Keyboard (PS/2 connector), Lenovo logo Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector) Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 11.1, twoDisplayPort™, one optional 3rd DP or VGA, supports triple independent display; Maximum resolution: 3840x2160(DP)@30Hz; 1920x1200(optional VGA)@60Hz Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Mouse	Some: PS/2 Optical Wheel Mouse, black, Lenovo logo Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black
Monitor cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Mechanical VESA mount Floor Stand	• Tiny (1L), black color; metal case Optional VESA mount bracket kit, supports VESA 75mm and 100mm Optional system floor stand for vertical orientation
Memory	8GB max / DDR3 Low Voltage, DDR3L-1600, non-parity, one 204-pin SO-DIMM socket	Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models) 90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)
Storage	Some: M.2 Solid State Drive (SSD), SATA interface Some: hard disk, 5400 or 7200 rpm, SATA 6.0Gb/s, 2.5" Wide Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide	Limited warranty ³	Some: 1-year or 3-year, depot service / service upgrades available Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet
Optical	Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: external ODD box with DVD-ROM or DVD±RW, 9.5mm, via USB Some: external ODD box (for TIO) with DVD-ROM or DVD±RW, 9.5mm, via USB	Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows® 10 Pro 64-bit Some: Windows 10 Home 64-bit Some: Windows® Embedded Standard 7 (WES 7) Some: LeTOS (Lenovo Terminal Operating System, Linux-based)
Onboard SATA	SATA 6.0Gb/s controller, one connectors on planar	Environment	ENERGY STAR® 6.0*, EPEAT™ Gold rating*(**for Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3
Front ports	Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	Accessories	For compatible accessories, please go to TC-AQP sheet
Rear ports	Two USB 2.0, two USB 3.0 (optional external optical box or I/O box occupies one or two specific USB on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, or serial on some models), one headphone; Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M600 Tiny)		
I/O box			
Audio support	High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)		
WLAN ¹³	Some: 11ac, M.2, Realtek RTL8821AE (dual band), Wi-Fi + BT 4.0, 1x1 Some: 11ac, M.2, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + BT 4.1, 1x1 Some: 11ac, M.2, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + BT 4.1, 2x2 Some: 11ac, M.2, Intel Dual Band Wireless-AC 3165, Wi-Fi + BT 4.0, 1x1 Some: 11ac, M.2, Intel Dual Band Wireless-AC 8260, Wi-Fi + BT 4.1, 2x2		
Bluetooth™	Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter		
Ethernet	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®		

See footnotes for more detailed information

ThinkCentre M600 Tiny (10KH) - Thin Client (TopSeller)

Product Specifications Reference (PSREF)

Model	Case 1L/2L	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	Monitor Cable	Chassis Intrusion Switch	Floor Stand	VESA Mount	Key-board/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10KH0001US	1L	Celeron N3000	2GBx1	Intel HD	16GB SSD M.2	None	RTL8821AE ac	None	None	Switch	Stand	None	USB	Speaker	65W	None	WES7	1-onsite	No	01/16
10KH0002US	1L	Celeron N3000	4GBx1	Intel HD	16GB SSD M.2	None	RTL8821AE ac	None	None	Switch	Stand	None	USB	Speaker	65W	None	WES7	3-onsite	No	01/16
10KH0003US	1L	Celeron N3000	4GBx1	Intel HD	16GB SSD M.2	None	RTL8821AE ac	VGA	None	Switch	Stand	None	USB	Speaker	65W	None	WES7	1-onsite	No	01/16
10KH0004US	1L	Celeron N3000	4GBx1	Intel HD	16GB SSD M.2	None	RTL8821AE ac	VGA	None	Switch	Stand	None	USB	Speaker	65W	None	WES7	3-onsite	No	01/16
10KH0005US	1L	Celeron N3000	2GBx1	Intel HD	16GB SSD M.2	None	RTL8821AE ac	None	None	Switch	Stand	None	USB	Speaker	65W	None	WES7	3-onsite	No	01/16
10KH0006US	1L	Celeron N3000	4GBx1	Intel HD	16GB SSD M.2	None	RTL8821AE ac	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	WES7	3-onsite	No	01/16
10KH0007US	1L	Celeron N3000	4GBx1	Intel HD	16GB SSD M.2	None	RTL8821AE ac	None	None	Switch	Stand	None	USB	Speaker	65W	None	WES7	1-onsite	No	01/16
10KH0008US	1L	Celeron N3000	4GBx1	Intel HD	16GB SSD M.2	None	RTL8821AE ac	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	WES7	1-onsite	No	01/16
10KH0009US	1L	Celeron N3000	4GBx1	Intel HD	16GB SSD M.2	None	RTL8821AE ac	None	None	Switch	Stand	None	USB	Speaker	65W	None	LeTOS	3-onsite	No	01/16
10KH000AUS	1L	Celeron N3000	4GBx1	Intel HD	16GB SSD M.2	None	RTL8821AE ac	Serial	None	Switch	Stand	None	USB	Speaker	65W	None	WES7	3-onsite	No	01/16
10KH000BUS	1L	Celeron N3000	2GBx1	Intel HD	16GB SSD M.2	None	RTL8821AE ac	None	None	Switch	Stand	None	USB	Speaker	65W	None	LeTOS	1-onsite	No	01/16
10KH000CUS	1L	Celeron N3000	4GBx1	Intel HD	16GB SSD M.2	None	RTL8821AE ac	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	LeTOS	1-onsite	No	01/16
10KH000DUS	1L	Celeron N3000	4GBx1	Intel HD	16GB SSD M.2	None	RTL8821AE ac	Serial	None	Switch	Stand	None	USB	Speaker	65W	None	LeTOS	3-onsite	No	01/16
10KH000EUS	1L	Celeron N3000	2GBx1	Intel HD	16GB SSD M.2	None	RTL8821AE ac	None	None	Switch	Stand	None	USB	Speaker	65W	None	LeTOS	3-onsite	No	01/16
10KH000FUS	1L	Celeron N3000	4GBx1	Intel HD	16GB SSD M.2	None	RTL8821AE ac	None	None	Switch	Stand	None	USB	Speaker	65W	None	LeTOS	1-onsite	No	01/16
10KH000GUS	1L	Celeron N3000	4GBx1	Intel HD	16GB SSD M.2	None	RTL8821AE ac	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	LeTOS	3-onsite	No	01/16

• For detailed platform specifications, please see [ThinkCentre M600 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron® Processor N3000 Series or Intel Pentium® Processor N3000 Series	Manageability Security chip Security features	None Trusted Platform Module, TCG 1.2-compliant • Security slot (in rear for optional Kensington® MicroSaver® cable) • Padlock loop • Smart USB protection, allows keyboard/ mouse only, blocks all storage devices • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch
Chipset	Intel Architecture (IA) SoC that integrates Intel processor core, graphics, memory controller, and I/O interfaces into a single system-on-chip solution	Keyboard	Some: PS/2 Keyboard (PS/2 connector), Lenovo logo Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector) Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black
Graphics	Intel HD Graphics in processor, uses main memory, DirectX® 11.1, twoDisplayPort™, one optional 3rd DP or VGA, supports triple independent display; Maximum resolution: 3840x2160(DP)@30Hz; 1920x1200(optional VGA)@60Hz	Mouse	Some: PS/2 Optical Wheel Mouse, black, Lenovo logo Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black
Monitor cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Mechanical VESA mount Floor Stand	• Tiny (1L), black color; metal case Optional VESA mount bracket kit, supports VESA 75mm and 100mm Optional system floor stand for vertical orientation
Memory	8GB max / DDR3 Low Voltage, DDR3L-1600, non-parity, one 204-pin SO-DIMM socket	Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models) 90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)
Storage	Some: M.2 Solid State Drive (SSD), SATA interface Some: hard disk, 5400 or 7200 rpm, SATA 6.0Gb/s, 2.5" Wide Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide	Limited warranty ³	Some: 1-year or 3-year, depot service / service upgrades available Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet
Optical	Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: external ODD box with DVD-ROM or DVD±RW, 9.5mm, via USB Some: external ODD box (for TIO) with DVD-ROM or DVD±RW, 9.5mm, via USB	Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows® 10 Pro 64-bit Some: Windows 10 Home 64-bit Some: Windows® Embedded Standard 7 (WES 7) Some: LeTOS (Lenovo Terminal Operating System, Linux-based)
Onboard SATA	SATA 6.0Gb/s controller, one connectors on planar	Environment	ENERGY STAR® 6.0*, EPEAT™ Gold rating*(for Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ERP Lot 3
Front ports	Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	Accessories	For compatible accessories, please go to TC-AQP sheet
Rear ports	Two USB 2.0, two USB 3.0 (optional external optical box or I/O box occupies one or two specific USB on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, or serial on some models), one headphone;		
I/O box	Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M600 Tiny)		
Audio support	High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)		
WLAN ¹³	Some: 11ac, M.2, Realtek RTL8821AE (dual band), Wi-Fi + BT 4.0, 1x1 Some: 11ac, M.2, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + BT 4.1, 1x1 Some: 11ac, M.2, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + BT 4.1, 2x2 Some: 11ac, M.2, Intel Dual Band Wireless-AC 3165, Wi-Fi + BT 4.0, 1x1 Some: 11ac, M.2, Intel Dual Band Wireless-AC 8260, Wi-Fi + BT 4.1, 2x2		
Bluetooth™	Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter		
Ethernet	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®		

See footnotes for more detailed information



ThinkCentre M73 Tiny with Optional WLAN



ThinkCentre M73 Tiny with ThinkVision Monitor



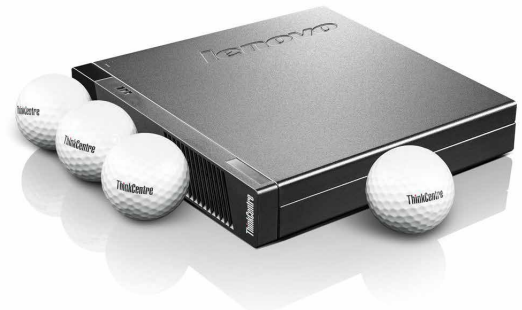
ThinkCentre M73 Tiny with optional I/O Box



ThinkCentre M73 Tiny with ThinkVision Monitor



ThinkCentre M73 Tiny with optional External Optical Box



ThinkCentre M73 Tiny



ThinkCentre M73 Small and Mini Tower



ThinkCentre M73 Small with ThinkVision Monitor



ThinkCentre M73 Small



ThinkCentre M73 Mini Tower with ThinkVision Monitor



ThinkCentre M73 Mini Tower



ThinkCentre M73 Mini Tower

ThinkCentre M73 Tiny (10AY) - Thin Client (TopSeller)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	Flash Memory	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Keyboard / mouse	Preload	Ann date (mm/dd/yy)
10AY0037US	G1820T	2GBx1	8G DOM Card	None	Intel HD	Intel 105	None	None	Stand	None	USB	WES 7	02/25/14
10AY0038US	G1820T	2GBx1	8G DOM Card	None	Intel HD	Intel 105	None	None	Stand	None	USB	LeTOS	02/25/14
10AY0039US	G1820T	4GBx1	8G DOM Card	None	Intel HD	Intel 105	None	None	Stand	None	USB	WES 7	02/25/14

- 1-year depot warranty

Positioning	<i>Essential business features, exceptional value</i>										Preloaded operating system		
Processor	Intel® Celeron® G1820T Processor (2 cores / 2 threads, 2.4GHz, 2MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller										Some: Genuine Windows® Embedded Standard 7 (WES 7)		
Implementation	Processor in LGA1150 socket										Some: LeTOS (Lenovo Terminal Operating System, Linux-based)		
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1333MHz DDR3 memory controller</i>										Preloaded applications (only some listed)		
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports up to dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>										- WES 7 only:		
DP dongle	None										<ul style="list-style-type: none"> • Intel Management Engine Components • RDP Client • Citrix Client • VMware Client • Internet Explorer 9 • Java • Flash • .Net Framework • Microsoft® Silverlight • Echo Agent • Ultra VNC • Adobe Reader • Intel Manageability Engine Firmware Recovery Agent 		
Flash Memory	8GB / DOM (Disk On Module) Card										- LeTOS only:		
External optical	Some: Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in, via USB 2.0										<ul style="list-style-type: none"> • xFreeRDP • Citrix ICA Client • VMware View Client • Java • Mozilla Firefox • NX NoMachine Client • X11 Client • VDI-In-A-Box Java Client • AnyConnect VPN Client 		
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset										Security		
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar										<ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch on selected model(s) 		
eSATA port	None										EPEAT™ Gold rating (WES models)		
Chipset	Intel H81 Express Chipset										ENERGY STAR® 6.0 (WES models) \		
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)										Cisco EnergyWise compatible		
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)										GREENGUARD® certified		
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port										RoHS-compliant		
PCIe Mini Card	One PCI Express® Mini Card slot										Supports ThinkVantage Technologies		
PCIe WLAN	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2										For compatible accessories, please go to TC-AQP sheet;		
Bluetooth	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1										For Lenovo service upgrade options, please go to S-TC sheet		
Audio	High Definition (HD) Audio, Realtek® ALC283 codec												
Speaker	Internal speaker for business audio (1.5 watt)												
Ethernet	Gigabit ethernet port, Intel I217-V, Wake on LAN®												
Intel AMT	None												
Modem	None												
Security chip	None												
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo												
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo												
Floor Stand	Optional System floor stand for vertical orientation												
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard												
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU												
Mechanical	<ul style="list-style-type: none"> • Tiny (1L), business black color; metal case • <i>M73 Tiny only:</i> <ul style="list-style-type: none"> 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration • <i>With VESA mount & optical box:</i> <ul style="list-style-type: none"> 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 5.1lb (2.3 kg), weight may vary by configuration 												
Limited Warranty	1-years - depot repair service / service upgrades available												

See footnotes for important warranty information
US model(s) announced February 25, 2013

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ThinkCentre M73 Tiny (10DL) - Thin Client (TopSeller)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	Flash Memory	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Keyboard / mouse	Preload	Warranty (year)	Ann date (mm/yy)
10DL0001US	G1820T	2GBx1	8G DOM Card	None	Intel HD	None	None	None	None	None	USB	LeTOS	1-onsite	10/14
10DL0006US	G1820T	4GBx1	8G DOM Card	None	Intel HD	None	None	None	None	None	USB	WES 7	3-onsite	10/14
10DL0003US	G1820T	2GBx1	8G DOM Card	None	Intel HD	None	None	None	None	None	USB	LeTOS	3-onsite	10/14
10DL0005US	G1820T	2GBx1	8G DOM Card	None	Intel HD	None	None	None	None	None	USB	WES 7	1-onsite	10/14
10DL0004US	G1820T	4GBx1	8G DOM Card	None	Intel HD	None	None	None	None	None	USB	LeTOS	3-onsite	10/14
10DL0007US	G1820T	2GBx1	8G DOM Card	None	Intel HD	None	None	None	None	None	USB	WES 7	3-onsite	10/14
10DL0002US	G1820T	4GBx1	8G DOM Card	None	Intel HD	None	None	None	None	None	USB	LeTOS	1-onsite	10/14
10DL000BUS	G1820T	4GBx1	16G DOM Card	None	Intel HD	None	None	None	None	None	USB	WES 7	3-onsite	10/14
10DL0008US	G1820T	4GBx1	8G DOM Card	None	Intel HD	None	None	None	None	None	USB	WES 7	1-onsite	10/14
10DL000AUS	G1820T	4GBx1	16G DOM Card	None	Intel HD	None	None	None	None	None	USB	WES 7	1-onsite	10/14
10DL0009US	G1820T	2GBx1	16G DOM Card	None	Intel HD	None	None	None	None	None	USB	WES 7	1-onsite	10/14
10DL000CUS	G1820T	2GBx1	16G DOM Card	None	Intel HD	None	None	None	None	None	USB	WES 7	3-onsite	10/14
10DL000WUS	G1840T	4GBx1	16G DOM Card	None	Intel HD	7260 ac	None	None	Stand	None	USB	LeTOS	1-onsite	11/15
10DL000VUS	G1840T	2GBx1	16G DOM Card	None	Intel HD	7260 ac	None	None	Stand	None	USB	LeTOS	1-onsite	11/15
10DL0013US	G1840T	4GBx1	16G DOM Card	None	Intel HD	7260 ac	None	None	Stand	None	USB	WES 7	3-onsite	12/15
10DL000YUS	G1840T	2GBx1	32GB SSD M.2	None	Intel HD	RTL8723BE	None	None	Stand	None	USB	WE8S	1-onsite	12/15
10DL0010US	G1840T	2GBx1	32GB SSD M.2	None	Intel HD	RTL8723BE	None	None	Stand	None	USB	WE8S	3-onsite	12/15
10DL000XUS	G1840T	4GBx1	32GB SSD M.2	None	Intel HD	RTL8723BE	None	None	Stand	None	USB	WE8S	1-onsite	12/15
10DL0011US	G1840T	4GBx1	32GB SSD M.2	None	Intel HD	RTL8723BE	None	None	Stand	None	USB	WE8S	3-onsite	12/15

Positioning Processor	<i>Essential business features, exceptional value</i> Intel® Celeron® G1820T Processor (2 cores / 2 threads, 2.4GHz, 2MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Celeron G1840T Processor (2 cores / 2 threads, 2.5GHz, 2MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller	Preloaded operating system <i>Some:</i> Genuine Windows® Embedded Standard 7 (WES 7) <i>Some:</i> Genuine Windows Embedded 8 Standard (WE8S) <i>Some:</i> LeTOS (Lenovo Terminal Operating System, Linux-based)
Implementation	Processor in LGA1150 socket	Preloaded applications (only some listed) - Windows Embedded only: ● Intel Trusted Execution Engine Interface ● RDP Client (RDP 8 support) ● Citrix Receiver ● VMware Client ● Internet Explorer ● Java 8 ● Adobe Flash Player ● Microsoft Visual C++ Redistributable (WE8S) ● Microsoft Windows Embedded Keyboard Filter Database (WE8S) ● Microsoft® Silverlight ● Echo Agent (client for LTM) ● UltraVnc (WE8S) ● Adobe Acrobat Reader DC - LeTOS only: ● xFreeRDP ● Citrix ICA Client ● VMware View Client ● Java ● Mozilla Firefox ● NX NoMachine Client ● X11 Client ● VDI-In-A-Box Java Client ● AnyConnect VPN Client
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1333MHz DDR3 memory controller</i>	
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports up to dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>	Security ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement ● <i>Chassis intrusion switch on selected model(s)</i> EPEAT™ Gold rating (WES models) ENERGY STAR® 6.0 (WES models) Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet
DP dongle	None	
Flash Memory	8GB / 16GB / DOM (Disk On Module) Card or Solid State Drive (SSD), M.2 to SATA	
External optical SATA controller	<i>Some:</i> Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in, via USB 2.0 Serial ATA, SATA 6.0Gb/s support, integrated in chipset	
Onboard SATA eSATA port	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar	
Chipset	Intel H81 Express Chipset	
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)	
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port	
PCIe Mini Card PCIe WLAN	One PCI Express® Mini Card slot <i>Some:</i> 11ac/a/b/g/n wireless, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 <i>Some:</i> Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter	
Bluetooth Audio	High Definition (HD) Audio, Realtek® ALC283 codec	
Speaker	Internal speaker for business audio (1.5 watt)	
Ethernet	Gigabit ethernet port, Intel I217-V, Wake on LAN®	
Intel AMT	None	
Modem	None	
Security chip	None	
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Floor Stand	Optional System floor stand for vertical orientation	
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard	
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU	
Mechanical	<ul style="list-style-type: none"> Tiny (1L), business black color; metal case <i>M73 Tiny only:</i> <ul style="list-style-type: none"> 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration <i>With VESA mount & optical box:</i> <ul style="list-style-type: none"> 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 5.1lb (2.3 kg), weight may vary by configuration 	
Limited Warranty	1-year or 3-year, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	

See footnotes for important warranty information

ThinkCentre M73 Tiny (10AY) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Keyboard / mouse	Preload	Ann date (mm/dd/yy)
10AY0005US	i5-4570T	4GBx1	128G SSD	DVD±RW	HD 4600	Intel 2230	USB	None	None	Mount	USB	Win7 Pro64 (DG)	10/01/13
10AY0006US	i7-4765T	4GBx1	128G SSD	DVD±RW	HD 4600	Intel 2230	USB	None	None	Mount	USB	Win7 Pro64 (DG)	10/01/13
10AY001RUS	i3-4130T	4GBx1	500G 7200	None	HD 4400	Intel 105	None	None	Stand	None	USB	Win7 Pro64 (DG)	10/01/13
10AY001SUS	i3-4130T	4GBx1	500G Hybrid	None	HD 4400	Intel 105	None	None	Stand	None	USB	Win7 Pro64 (DG)	10/01/13
10AY001TUS	G3220T	4GBx1	500G 7200	None	Intel HD	Intel 105	None	None	Stand	None	USB	Win7 Pro64 (DG)	10/01/13
10AY001UUS	G3220T	4GBx1	500G Hybrid	None	Intel HD	Intel 105	None	None	None	Mount	USB	Win7 Pro64 (DG)	10/01/13
10AY001VUS	i3-4130T	4GBx1	500G Hybrid	None	HD 4400	Intel 2230	None	None	None	Mount	USB	Win7 Pro64 (DG)	10/01/13
10AY001WUS	i3-4130T	4GBx1	500G 7200	DVD±RW	HD 4400	Intel 105	None	None	None	Mount	USB	Win7 Pro64 (DG)	10/01/13
10AY001XUS	i5-4570T	4GBx1	500G Hybrid	DVD±RW	HD 4600	Intel 105	USB	None	None	Mount	USB	Win7 Pro64 (DG)	10/22/13
10AY0004US	i5-4570T	4GBx1	500G Hybrid	DVD±RW	HD 4600	None	USB	None	None	Mount	USB	Win7 Pro64 (DG)	10/22/13
10AY0020US	i5-4570T	4GBx1	128G SSD	None	HD 4600	Intel 2230	None	None	Stand	None	USB	Win7 Pro64 (DG)	11/12/13
10AY001YUS	i5-4570T	4GBx1	500G Hybrid	None	HD 4600	Intel 2230	None	None	Stand	None	USB	Win7 Pro64 (DG)	11/12/13
10AY002SUS	G1820T	4GBx1	500G 7200	None	Intel HD	7260 ac	None	None	Stand	None	USB	Win7 P64 DG Win8.1	01/14/14
10AY003AUS	i5-4570T	4GBx1	128G SSD	None	HD 4600	Intel 6235	None	None	Stand	None	USB	Win7 Pro64 (DG)	02/11/14

Positioning	<i>Essential business features, exceptional value</i>										
Processor	<p>Intel® Celeron® G1820T Processor (2 cores / 2 threads, 2.4GHz, 2MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Pentium® G3220T Processor (2 cores / 2 threads, 2.6GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i3-4130T Processor (2 cores / 4 threads, 2.9GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570T Processor (2 cores / 4 threads, 2.9GHz, 4MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4765T Processor (4 cores / 8 threads, 2.0GHz, 8MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p>										
Implementation	Processor in LGA1150 socket										
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1333MHz memory controller</i>										
Graphics	<p>Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports up to dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i></p>										
DP dongle	None										
Disk	<p><i>Some: SATA 6.0Gb/s, 2.5" Wide, 7200 rpm</i> <i>Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</i> <i>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</i></p>										
External optical	<i>Some: Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in, via USB 2.0</i>										
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset										
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar										
eSATA port	None										
Chipset	Intel H81 Express Chipset										
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)										
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)										
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port										
PCIe Mini Card	One PCI Express® Mini Card slot										
PCIe WLAN	<p><i>Some: 11ac/a/b/g/n wireless, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo adapter, 2x2</i> <i>Some: 11a/b/g/n wireless, PCIe Half Mini Card, Intel Centrino Advanced-N 6235, Wi-Fi + Bluetooth combo adapter, 2x2</i> <i>Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + BT combo adapter, 2x2</i> <i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1</i> <i>Some: Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter</i></p>										
Bluetooth	High Definition (HD) Audio, Realtek® ALC283 codec										
Audio	Internal speaker for business audio (1.5 watt)										
Speaker	Gigabit ethernet port, Intel I217-V, Wake on LAN®										
Ethernet	None										
Intel AMT	None										
Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Floor Stand	Optional System floor stand for vertical orientation										
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard										
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU										
Mechanical	<ul style="list-style-type: none"> Tiny (1L), business black color; metal case M73 Tiny only: 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration With VESA mount & optical box: 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 5.1lb (2.3 kg), weight may vary by configuration 										
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										

Preloaded operating system	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
	Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit
Ready to install applications (only some listed)	<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager
Preloaded applications (only some listed)	<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Power Manager View Management Utility PC Device Stage Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Evernote® Microsoft® Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Nitro Pro
Security	<ul style="list-style-type: none"> Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Chassis intrusion switch on selected model(s)
	EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies
	For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information

US model(s) announced Oct 1, Oct 22, or Nov 12, 2013 or Jan 14 or Feb 11, 2014

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ThinkCentre M73 Tiny (10AY) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Key-board / mouse	Warranty (year)	Preload	Ann date (mm/dd/yy)
10AY003JUS	G3220T	4GBx1	500G 7200	None	Intel HD	BCM4352	Serial	None	Stand	None	USB	3-onsite	Win7 P64 DG	Win8.1 04/01/14
10AY003KUS	i5-4570T	4GBx1	500G 7200	None	HD 4600	N7260	Serial	None	Stand	None	USB	3-onsite	Win7 P64 DG	Win8.1 04/01/14
10AY003HUS	i3-4130T	4GBx1	500G 7200	None	HD 4400	N7260	Serial	None	Stand	None	USB	3-onsite	Win7 P64 DG	Win8.1 04/01/14
10AY008HUS	i5-4570T	4GBx1	128G SSD	None	HD 4600	N105	None	None	None	None	USB	3-onsite	Win7 P64 DG	Win8 02/10/15
10AY008GUS	i3-4130T	4GBx1	500G 7200	None	HD 4400	N105	None	None	None	None	USB	1-onsite	Win7 P64 DG	Win8 02/10/15

• Small and medium business (SMB) model(s), part of the US TopSeller™ Program

Positioning	<i>Essential business features, exceptional value</i>										
Processor	Intel® Pentium® G3220T Processor (2 cores / 2 threads, 2.6GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i3-4130T Processor (2 cores / 4 threads, 2.9GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570T Processor (2 cores / 4 threads, 2.9GHz, 4MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket										
Implementation											
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1333MHz memory controller</i>										
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports up to dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>										
DP dongle	None										
Disk	<i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 7200 rpm\ <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide										
External optical	None										
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset										
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar										
eSATA port	None										
Chipset	Intel H81 Express Chipset										
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)										
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)										
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port										
PCIe Mini Card	One PCI Express® Mini Card slot										
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11ac/b/g/n wireless, PCIe Half Mini Card, Broadcom BCM4352, dual band (2.4/5GHz), Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 <i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter										
Bluetooth	High Definition (HD) Audio, Realtek® ALC283 codec										
Audio	Internal speaker for business audio (1.5 watt)										
Speaker	Gigabit ethernet port, Intel I217-V, Wake on LAN®										
Ethernet	None										
Intel AMT	None										
Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Floor Stand	Optional System floor stand for vertical orientation										
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard										
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU										
Mechanical	<ul style="list-style-type: none"> • Tiny (1L), business black color; metal case • M73 Tiny only: <ul style="list-style-type: none"> 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration • With VESA mount & optical box: <ul style="list-style-type: none"> 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 5.1lb (2.3 kg), weight may vary by configuration 										
Limited Warranty	1-year or 3-year, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										
	Preloaded operating system Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit Ready to install applications (only some listed) <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Power Manager • View Management Utility • PC Device Stage • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Evernote® • Microsoft® Office preloaded; purchase a product key to activate • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Nitro Pro 										
	Security <ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch on selected model(s) 										
	EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies										
	For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet										

See footnotes for important warranty information

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ThinkCentre M73 Tiny (10AY) - TopSeller - III

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	SATA disk GB rpm	External optical / I/O box	Graphics	PCle Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Keyboard / mouse	Preload	Ann date (mm/dd/yy)
10AY0081US	G3240T	4GBx1	500G 5400	None	Intel HD	8723BE	None	None	Stand	None	USB(slim)	Win7 P64 DG	Win8.1 10/14/14
10AY0082US	i3-4150T	4GBx1	500G 7200	None	HD 4400	7260 b/g/n	None	None	Stand	None	USB	Win7 P64 DG	Win8.1 10/14/14
10AY0083US	i3-4150T	4GBx1	180G SSD	None	HD 4400	7260 b/g/n	None	None	Stand	None	USB	Win7 P64 DG	Win8.1 10/14/14
10AY0085US	i3-4150T	8GBx1	256G SSD	None	HD 4400	7260 b/g/n	None	None	Stand	None	USB	Win7 P64 DG	Win8.1 10/14/14
10AY0086US	i3-4150T	4GBx1	500G 7200	None	HD 4400	7260 b/g/n	Serial	None	Stand	None	USB	Win7 P64 DG	Win8.1 10/14/14
10AY0087US	i3-4150T	4GBx1	500G 7200	None	HD 4400	7260 b/g/n	Serial	None	None	Mount	USB	Win7 P64 DG	Win8.1 10/14/14
10AY0088US	i5-4590T	8GBx1	256G SSD	None	HD 4600	7260 b/g/n	None	None	Stand	None	USB	Win7 P64 DG	Win8.1 10/14/14
10AY0089US	i5-4590T	4GBx1	500G 7200	None	HD 4600	7260 b/g/n	None	None	Stand	None	USB	Win7 P64 DG	Win8.1 10/14/14
10AY008AUS	i5-4590T	4GBx1	180G SSD	None	HD 4600	7260 b/g/n	None	None	Stand	None	USB	Win7 P64 DG	Win8.1 10/14/14
10AY008BUS	i5-4590T	4GBx1	180G SSD	None	HD 4600	7260 b/g/n	Serial	None	Stand	None	USB	Win7 P64 DG	Win8.1 10/14/14
10AY008CUS	i5-4590T	4GBx1	500G 7200	None	HD 4600	7260 b/g/n	Serial	None	Stand	None	USB	Win7 P64 DG	Win8.1 10/14/14
10AY008DUS	i7-4785T	4GBx1	500G 7200	None	HD 4600	7260 b/g/n	Serial	None	Stand	None	USB	Win7 P64 DG	Win8.1 10/14/14
10AY008EUS	i7-4785T	8GBx1	256G SSD	None	HD 4600	7260 b/g/n	Serial	None	Stand	None	USB	Win7 P64 DG	Win8.1 10/14/14
10AY008FUS	i7-4785T	4GBx1	180G SSD	None	HD 4600	7260 b/g/n	Serial	None	Stand	None	USB	Win7 P64 DG	Win8.1 10/14/14

Positioning	<i>Essential business features, exceptional value</i>										
Processor	Intel® Pentium® G3240T Processor (2 cores / 2 threads, 2.7GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i3-4150T Processor (2 cores / 4 threads, 3.0GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4590T Processor (4 cores / 4 threads, 2.0GHz, 6MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4785T Processor (4 cores / 8 threads, 2.2GHz, 8MB cache), Turbo Boost 2.0 (3.2GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller										
Implementation	Processor in LGA1150 socket										
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1333MHz memory controller</i>										
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports up to dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>										
DP dongle	None										
Disk	<i>Some: harddisk, 2.5" Wide, 5400 or 7200 rpm</i> <i>Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</i> <i>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</i>										
External optical	<i>Some: Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in, via USB 2.0</i>										
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset										
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar										
eSATA port	None										
Chipset	Intel H81 Express Chipset										
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)										
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)										
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port										
PCle Mini Card	One PCI Express® Mini Card slot										
PCle WLAN	<i>Some: 11ac/a/b/g/n wireless, PCle Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT 4.0 combo adapter, 2x2</i> <i>Some: 11b/g/n wireless, PCle Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2</i> <i>Some: 11b/g/n wireless, PCle Half Mini Card, Realtek RTL8723BE, Wi-Fi/BT 4.0, 1x1</i>										
Bluetooth	<i>Some: Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter</i>										
Audio	High Definition (HD) Audio, Realtek® ALC283 codec										
Speaker	Internal speaker for business audio (1.5 watt)										
Ethernet	Gigabit ethernet port, Intel I217-V, Wake on LAN®										
Intel AMT	None										
Security chip	None										
Keyboard	<i>Some: Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo</i> <i>Some: Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo</i>										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Floor Stand	Optional System floor stand for vertical orientation										
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard										
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU										
Mechanical	<ul style="list-style-type: none"> Tiny (1L), business black color; metal case <i>M73 Tiny only:</i> 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration <i>With VESA mount & optical box:</i> 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 5.1lb (2.3 kg), weight may vary by configuration 										
Limited Warranty	3-years, limited onsite service. 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										
	Preloaded operating system Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit Ready to install applications (only some listed) <ul style="list-style-type: none"> Rescue and Recovery™ Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Power Manager View Management Utility PC Device Stage Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Evernote® Microsoft® Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Nitro Pro 										
	Security <ul style="list-style-type: none"> Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Chassis intrusion switch on selected model(s) 										
	EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies										
	For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet										

ThinkCentre M73 Tiny (10AY) - TopSeller - IV

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	SATA disk GB rpm	External optical / I/O box	Graphics	PCle Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Keyboard / mouse	Preload	Ann date (mm/dd/yy)
10AY008MUS	i5-4570T	4GBx1	120G SSD	None	HD 4600	Intel 2230	None	None	Stand	None	USB	Win7 P64 DG Win8	05/05/15
10AY008NUS	i5-4570T	4+2GB	500G 7200	None	HD 4600	Intel 2230	None	None	Stand	None	USB	Win7 P64 DG Win8	05/05/15
10AY0091US	i3-4150T	4GBx1	500G 7200	None	HD 4400	7260 b/g/n	None	None	Stand	None	USB	Win7 P64 DG Win10	10/20/15
10AY0092US	i5-4590T	4GBx1	500G 7200	None	HD 4600	7260 b/g/n	None	None	Stand	None	USB	Win7 P64 DG Win10	10/20/15
10AY0094US	i7-4785T	8GBx1	192G SSD	None	HD 4600	7260 b/g/n	None	None	Stand	None	USB	Win7 P64 DG Win10	10/20/15
10AY009CUS	i5-4590T	4GBx1	120G SSD	None	HD 4600	7260 b/g/n	None	None	Stand	None	USB	Win7 P64 DG Win10	10/20/15
10AY009DUS	i3-4150T	4GBx1	500G 7200	DVD±RW	HD 4400	7260 b/g/n	None	None	None	Mount	USB	Win7 P64 DG Win8.1	10/20/15
10AY009FUS	i3-4150T	4GBx1	500G 7200	DVD±RW	HD 4400	7260 b/g/n	None	None	None	Mount	USB	Win7 P64 DG Win10	10/20/15
10AY009GUS	i5-4590T	4GBx1	120G SSD	DVD±RW	HD 4600	7260 b/g/n	None	None	None	Mount	USB	Win7 P64 DG Win8.1	10/20/15
10AY009HUS	i5-4590T	4GBx1	120G SSD	None	HD 4600	7260 ac	None	None	Stand	None	USB	Win7 P64 DG Win8.1	10/20/15
10AY009JUS	i5-4590T	4GBx1	120G SSD	None	HD 4600	7260 b/g/n	None	None	Stand	None	USB	Win7 P64 DG Win8.1	10/20/15

Positioning	<i>Essential business features, exceptional value</i>										
Processor	<p>Intel® Core™ i3-4150T Processor (2 cores / 4 threads, 3.0GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570T Processor (2 cores / 4 threads, 2.9GHz, 4MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4590T Processor (4 cores / 4 threads, 2.0GHz, 6MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4785T Processor (4 cores / 8 threads, 2.2GHz, 8MB cache), Turbo Boost 2.0 (3.2GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p>										
Implementation	Processor in LGA1150 socket										
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1333MHz memory controller</i>										
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports up to dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>										
DP dongle	None										
Disk	<p><i>Some: harddisk, 2.5" Wide, 5400 or 7200 rpm</i> <i>Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</i> <i>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</i></p>										
External optical	<i>Some: Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in, via USB 2.0</i>										
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset										
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar										
eSATA port	None										
Chipset	Intel H81 Express Chipset										
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)										
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)										
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port										
PCle Mini Card	One PCI Express® Mini Card slot										
PCle WLAN	<p><i>Some: 11b/g/n, PCle Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + BT combo adapter, 2x2</i> <i>Some: 11ac/a/b/g/n wireless, PCle Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT 4.0 combo adapter, 2x2</i> <i>Some: 11b/g/n wireless, PCle Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2</i> <i>Some: 11b/g/n wireless, PCle Half Mini Card, Realtek RTL8723BE, Wi-Fi/BT 4.0, 1x1</i> <i>Some: Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter</i></p>										
Bluetooth	High Definition (HD) Audio, Realtek® ALC283 codec										
Audio	Internal speaker for business audio (1.5 watt)										
Speaker	Gigabit ethernet port, Intel I217-V, Wake on LAN®										
Ethernet	None										
Intel AMT	None										
Security chip	None										
Keyboard	<p><i>Some: Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo</i> <i>Some: Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo</i></p>										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Floor Stand	Optional System floor stand for vertical orientation										
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard										
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU										
Mechanical	<ul style="list-style-type: none"> Tiny (1L), business black color; metal case <i>M73 Tiny only:</i> <ul style="list-style-type: none"> 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration <i>With VESA mount & optical box:</i> <ul style="list-style-type: none"> 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 5.1lb (2.3 kg), weight may vary by configuration 										
Limited Warranty	<p>3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available</p>										
	<p>Preloaded operating system</p> <p>Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8/8.1 Pro 64-bit</p> <p>Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit</p> <p>Ready to install applications (only some listed)</p> <ul style="list-style-type: none"> Rescue and Recovery™ Password Manager <p>Preloaded applications (only some listed)</p> <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Power Manager View Management Utility PC Device Stage Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Evernote® Microsoft® Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Nitro Pro <p>Security</p> <ul style="list-style-type: none"> Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Chassis intrusion switch on selected model(s) <p>EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant</p> <p>Supports ThinkVantage Technologies</p> <p>For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet</p>										

See footnotes for important warranty information

ThinkCentre M73 Tiny (10AY) - TopSeller - V

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Keyboard / mouse	Preload	Ann date (mm/dd/yy)
10AY0095US	i7-4785T	8GBx1	192G SSD	DVD±RW	HD 4600	7260 b/g/n	None	None	None	Mount	USB	Win10 Pro64	09/22/15
10AY0096US	i5-4590T	4GBx1	120G SSD	None	HD 4600	7260 b/g/n	None	None	Stand	None	USB	Win10 Pro64	09/22/15
10AY0093US	i5-4590T	4GBx1	500G 7200	None	HD 4600	7260 b/g/n	None	None	Stand	None	USB	Win10 Pro64	09/22/15
10AY0097US	i3-4150T	4GBx1	500G 7200	DVD±RW	HD 4400	7260 b/g/n	None	None	None	Mount	USB	Win10 Pro64	09/22/15
10AY0099US	i7-4785T	8GBx1	192G SSD	None	HD 4600	7260 b/g/n	None	None	Stand	None	USB	Win10 Pro64	09/22/15
10AY008YUS	i3-4150T	4GBx1	500G 7200	None	HD 4400	7260 b/g/n	None	None	Stand	None	USB	Win10 Pro64	09/22/15
10AY0098US	i5-4590T	4GBx1	500G 7200	DVD±RW	HD 4600	7260 b/g/n	None	None	None	Mount	USB	Win10 Pro64	09/22/15

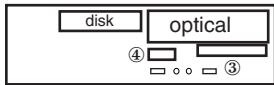
Positioning	<i>Essential business features, exceptional value</i>										Preloaded operating system
Processor	Intel® Core™ i3-4150T Processor (2 cores / 4 threads, 3.0GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4590T Processor (4 cores / 4 threads, 2.0GHz, 6MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4785T Processor (4 cores / 8 threads, 2.2GHz, 8MB cache), Turbo Boost 2.0 (3.2GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket										Windows® 10 Pro 64-bit
Implementation	Processor in LGA1150 socket										Preloaded applications (only some listed)
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1333MHz memory controller</i>										<ul style="list-style-type: none"> Lenovo Companion Lenovo Solution Center Lenovo SHAREit Lenovo REACHit Desktop Power Manager PC Device Stage Microsoft® Office preloaded; purchase a product key to activate McAfee® LiveSafe™ (30-day trial) Cyberlink Power2Go (DVD±RW, DVD) Power2Go Create (DVD±RW)
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports up to dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>										
DP dongle	None										
Disk	<i>Some:</i> harddisk, 2.5" Wide, 5400 or 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide										
External optical	<i>Some:</i> Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in, via USB 2.0										
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset										
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar										
eSATA port	None										
Chipset	Intel H81 Express Chipset										
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)										
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)										
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port										
PCIe Mini Card	One PCI Express® Mini Card slot										
PCIe WLAN	<i>Some:</i> 11ac/a/b/g/n wireless, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT 4.0 combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi/BT 4.0, 1x1										
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter										
Audio	High Definition (HD) Audio, Realtek® ALC283 codec										
Speaker	Internal speaker for business audio (1.5 watt)										
Ethernet	Gigabit ethernet port, Intel I217-V, Wake on LAN®										
Intel AMT	None										
Security chip	None										Security
Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo <i>Some:</i> Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo										<ul style="list-style-type: none"> Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Chassis intrusion switch on selected model(s)
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Floor Stand	Optional System floor stand for vertical orientation										
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard										
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU										
Mechanical	<ul style="list-style-type: none"> Tiny (1L), business black color; metal case <i>M73 Tiny only:</i> <ul style="list-style-type: none"> 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration <i>With VESA mount & optical box:</i> <ul style="list-style-type: none"> 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 5.1lb (2.3 kg), weight may vary by configuration 										EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

ThinkCentre M73 Small (10B6) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis Intrusion switch	2nd Serial / Parallel	Floor stand	ENERGY STAR 6.0 Global	Preload	Ann date (mm/dd/yy)
10B60008US	3x4	i5-4570	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	Stand	None	None	Win7 Pro64 (DG) 10/01/13
10B60009US	3x4	i3-4130	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	Stand	None	None	Win7 Pro64 (DG) 10/01/13
10B6000AUS	3x4	G3220	2GBx1	500G 7200	DVD±RW	None	None	Intel HD	None	None	Stand	None	None	Win7 Pro64 (DG) 10/01/13
10B6000BUS	3x4	G3220	4GBx1	500G 7200	DVD±RW	None	None	Intel HD	None	None	Stand	None	None	Win7 Pro64 (DG) 10/01/13
10B6000FUS	3x4	i3-4130	8GBx1	1TB 7200	DVD±RW	N105	None	GT620	None	Serial	Stand	None	None	Win7 Pro64 (DG) 10/01/13
10B6000GUS	3x4	G3220	4GBx1	500G Hybrid	DVD±RW	N105	None	Intel HD	None	Serial	Stand	None	None	Win7 Pro64 (DG) 10/01/13
10B6000PUS	3x4	i5-4570	4GBx1	128G SSD	DVD±RW	None	None	HD 4600	None	None	Stand	None	None	Win7 Pro64 (DG) 11/12/13
10B6000QUS	3x4	i7-4770	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	Stand	None	None	Win7 Pro64 (DG) 11/12/13
10B6000RUS	3x4	i7-4770	4GBx1	500G Hybrid	DVD±RW	None	None	HD 4600	None	None	Stand	None	None	Win7 Pro64 (DG) 11/12/13

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 3-year limited warranty

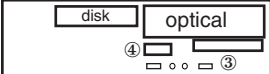
Positioning	<i>Essential business features, exceptional value</i>											Preloaded operating system
Processor	Intel® Pentium® G3220 Processor (2 cores / 2 threads, 3.0GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Ready to install applications (only some listed) <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager
Implementation												Preloaded applications (only some listed)
Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3 , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller											<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Power Manager • View Management Utility • PC Device Stage • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Evernote® • Microsoft® Office preloaded; purchase a product key to activate • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Nitro Pro
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) Some: NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz											
Disk	Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive											
Optical	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset											
SATA controller	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar											
Onboard SATA	None											
eSATA port	Optional 9-in-1 media reader, internal USB 2.0											
Media reader	None											
Chipset	Intel H81 Express Chipset											
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DisplayPort											
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)											
Audio	High Definition (HD) Audio, Realtek® ALC662 codec											
PCIe WLAN ⁴	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1											
Bluetooth	None											
Speaker	Internal speaker for business audio (1 watt) (*No internal speaker for 10B6000PUS)											
IEEE 1394	None											
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®											
Manageability	None											
Modem	None											
Security chip	None											
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	Optional system floor stand for vertical orientation											
Power supply	240 watts, autosensing, active PFC											
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 13.2" W X 15.0" D X 3.9" H • 335mm W X 382mm D X 101mm H • 14.6 lb (6.6 kg) in maximum configuration • Highlighted optical drive button for easy access 											
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 2.5", N/A, no access, opt 2nd SSD* Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with HDD/SSD/reader installed											
Slot	Slot 1: Low Profile, PCIe 2.0 x16 (40W max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x1											Security <ul style="list-style-type: none"> • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Serial port I/O control • Individual USB port disablement • Chassis intrusion switch on selected model(s) Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

ThinkCentre M73 Small (10B6) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCle WLAN	Media reader	Graphics	Chassis Intrusion switch	2nd Serial / Parallel	Floor stand	ENERGY STAR 6.0 Global	Preload	Ann date (mm/dd/yy)
10B6000XUS	3x4	i5-4570	4GBx1	500G 7200	DVD±RW	None	None	HD 7450	None	None	Stand	None	None	Win7 P64 DG Win8.1 02/04/14
10B6000YUS	3x4	i3-4130	4GBx1	500G 7200	DVD±RW	None	None	HD 7450	None	None	Stand	None	None	Win7 P64 DG Win8.1 02/04/14
10B60011US	3x4	G1820	4GBx1	500G 7200	DVD±RW	None	None	HD 7450	None	None	Stand	None	None	Win7 P64 DG Win8.1 02/04/14
10B60013US	3x4	i3-4130	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	Stand	None	None	Win7 P64 DG Win8.1 02/11/14
10B60012US	3x4	G3220	2GBx1	500G 7200	DVD±RW	None	None	Intel HD	None	None	Stand	None	None	Win7 P64 DG Win8.1 02/11/14
10B60014US	3x4	i5-4570	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	Stand	None	None	Win7 P64 DG Win8.1 02/11/14
10B60015US	3x4	i5-4570	4GBx1	128G SSD	DVD±RW	None	None	HD 4600	None	None	Stand	None	None	Win7 P64 DG Win8.1 03/25/14

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 3-year limited warranty

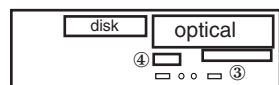
Positioning	<i>Essential business features, exceptional value</i>										Preloaded operating system			
Processor	Intel® Celeron® G1820 Processor (2 cores / 2 threads, 2.7GHz, 2MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Pentium® G3220 Processor (2 cores / 2 threads, 3.0GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket										Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit Ready to install applications (only some listed) <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager 			
Implementation	Processor in LGA1150 socket										Preloaded applications (only some listed)			
Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3 , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller										<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Power Manager • View Management Utility • PC Device Stage • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Evernote® • Microsoft® Office preloaded; purchase a product key to activate • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Nitro Pro 			
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) Some: AMD Radeon™ HD 7450 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; Max resolution: 2560x1600 (DisplayPort, DVI-I)@60Hz													
Disk	Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive													
Optical	Some: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive													
Serial ATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset													
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar													
eSATA port	None													
Media reader	Optional 9-in-1 media reader, internal USB 2.0													
Chipset	Intel H81 Express Chipset													
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DisplayPort													
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)													
Audio	High Definition (HD) Audio, Realtek® ALC662 codec													
PCIe WLAN ⁴	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1													
Bluetooth	None													
Speaker	Internal speaker for business audio (1 watt)													
IEEE 1394	None													
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®													
Manageability	None													
Modem	None													
Security chip	None										Security			
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo										<ul style="list-style-type: none"> • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Serial port I/O control • Individual USB port disablement • Chassis intrusion switch on selected model(s) 			
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Floor Stand	Optional system floor stand for vertical orientation													
Power supply	240 watts, autosenesing, active PFC													
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 13.2" W X 15.0" D X 3.9" H • 335mm W X 382mm D X 101mm H • 14.6 lb (6.6 kg) in maximum configuration • Highlighted optical drive button for easy access 													
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 2.5", N/A, no access, opt 2nd SSD* Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with HDD/SSD/reader installed													
Slot	Slot 1: Low Profile, PCIe 2.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x1										Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies			
Limited Warranty	3-years, limited onsite service. 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			

ThinkCentre M73 Small (10B6) - TopSeller - III

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis Intrusion switch	2nd Serial / Parallel	Floor stand	ENERGY STAR 6.0	Global	Preload	Ann date (mm/yy)
10B6001SUS	3x4	i5-4590	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14
10B6001NUS	3x4	i3-4150	4GBx1	180G SSD	DVD±RW	None	None	HD 4400	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14
10B6001AUS	3x4	i3-4150	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14
10B6001RUS	3x4	G3240	2GBx1	500G 7200	DVD±RW	None	None	Intel HD	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14
10B6001TUS	3x4	i5-4590	8GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14
10B6001PUS	3x4	i3-4150	8GBx1	256G SSD	DVD±RW	None	None	HD 4400	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14
10B6001VUS	3x4	i5-4590	4GBx1	180G SSD	DVD±RW	None	None	HD 4600	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14
10B6001QUS	3x4	G3240	4GBx1	500G 7200	DVD±RW	None	None	Intel HD	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14
10B6001UUS	3x4	i5-4590	8GBx1	256G SSD	DVD±RW	None	None	HD 4600	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14
10B6001WUS	3x4	i5-4590	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14
10B6001YUS	3x4	i3-4150	4GBx1	1TB 7200	DVD±RW	7260 b/g/n	None	HD 4400	None	P	None	None	None	Win7 P64 DG	Win8.1 10/14
10B6001XUS	3x4	i3-4150	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	P	None	None	None	Win7 P64 DG	Win8.1 10/14
10B60020US	3x4	i5-4590	4GBx1	120G SSD	DVD±RW	None	None	HD 4600	None	None	None	None	None	Win7 P64 DG	Win8.1 05/15
10B6002WUS	3x4	i3-4150	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	Stand	None	None	Win7 P64 DG	Win10 08/15
10B6002YUS	3x4	G3240	2GBx1	500G 7200	DVD±RW	None	None	Intel HD	None	None	Stand	None	None	Win7 P64 DG	Win10 08/15
10B6002XUS	3x4	i5-4690	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	Stand	None	None	Win7 P64 DG	Win10 08/15
10B6003AUS	3x4	i5-4590	8GBx1	256G SSD	DVD±RW	None	None	HD 4600	None	None	Stand	None	None	Win10 Pro64	12/15
10B60039US	3x4	i3-4150	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	P	Stand	None	None	Win7 P64 DG	Win8.1 12/15
10B6003BUS	3x4	i5-4590	4GBx1	256G SSD	DVD±RW	None	None	HD 4600	None	None	Stand	None	None	Win10 Pro64	12/15

Positioning	<i>Essential business features, exceptional value</i>
Processor	Intel® Pentium® G3240 Processor (2 cores / 2 threads, 3.1GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4690 Processor (4 cores / 4 threads, 3.5GHz, 6MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket
Implementation	
Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3 , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide
Optical	<i>Some:</i> Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar
eSATA port	None
Media reader	Optional 9-in-1 media reader, internal USB 2.0
Chipset	Intel H81 Express Chipset
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DisplayPort
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)
Audio	High Definition (HD) Audio, Realtek® ALC662 codec
PCIe WLAN [†]	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Speaker	Internal speaker for business audio (1 watt)
IEEE 1394	None
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN [®]
Manageability	None
Modem	None
Security chip	None
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo
Floor Stand	Optional system floor stand for vertical orientation
Power supply	240 watts, autosensing, active PFC
Machine	<ul style="list-style-type: none"> Business black color; metal case 13.2" W X 15.0" D X 3.9" H 335mm W X 382mm D X 101mm H 14.6 lb (6.6 kg) in maximum configuration Highlighted optical drive button for easy access
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 2.5", N/A, no access, opt 2nd SSD* Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with HDD/SSD/reader installed
Slot	Slot 1: Low Profile, PCIe 2.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x1



Preloaded operating system
<i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1/10 Pro 64-bit <i>Some:</i> Windows 10 Pro 64-bit
Preloaded applications (Win7)
<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Power Manager View Management Utility PC Device Stage Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Evernote® Microsoft® Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Nitro Pro
Preloaded applications (Win10)
<ul style="list-style-type: none"> Lenovo Companion Lenovo Solution Center Lenovo SHAREit Lenovo REACHit Desktop Power Manager PC Device Stage Microsoft® Office preloaded; purchase a product key to activate McAfee® LiveSafe™ (30-day trial) Cyberlink PowerDVD (DVD±RW, DVD) PowerDVD Create (DVD±RW)
Security
<ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s)
Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant
Supports ThinkVantage Technologies
For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

Limited Warranty **3-years, limited onsite service** / service upgrades available


See footnotes for important warranty information

(MLM1S-7) December 2015©Lenovo

ThinkCentre M73 Small (10B5) - ES 6.0 (TopSeller)

Product Specifications Reference (PSREF)

Type-model	Slot x Processor	Pro-processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis Intrusion switch	2nd Serial / Parallel	Floor stand	ENERGY STAR 6.0	Internal Speaker	Preload	Ann date (mm/dd/yy)
10B50001US	3x4	i5-4570	4GBx2	500G Hybrid	DVD±RW	N2230	None	GT 620	None	S P	None	ES6.0	Speaker	Win7 Pro64 (DG)	10/13
10B5000MUS	3x4	G1820	4GBx1	500G 7200	DVD±RW	None	None	Intel HD	None	None	Floor	ES6.0	Speaker	Win7 P64 DG	Win8.1 01/14
10B5000TUS	3x4	G3240	2GBx1	500G 7200	DVD±RW	None	None	Intel HD	None	None	Floor	ES6.0	Speaker	Win7 P64 DG	Win8.1 10/14
10B5000WUS	3x4	i3-4150	2GBx1	1TB 7200	DVD±RW	7260 b/g/n	None	HD 4400	None	None	Floor	ES6.0	None	Win7 P64 DG	Win8.1 10/14
10B5000VUS	3x4	i3-4150	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	Floor	ES6.0	None	Win7 P64 DG	Win8.1 10/14
10B5000UUS	3x4	G3240	4GBx1	500G 7200	DVD±RW	None	None	Intel HD	None	None	Floor	ES6.0	Speaker	Win7 P64 DG	Win8.1 10/14

Positioning Processor	<i>Essential business features, exceptional value</i> Intel® Celeron® G1820 Processor (2 cores / 2 threads, 2.7GHz, 2MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Pentium® G3240 Processor (2 cores / 2 threads, 3.1GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit			
Implementation												Ready to install applications (only some listed) ● Rescue and Recovery™ ● Password Manager			
Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3 , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller											Preloaded applications (only some listed) ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Power Manager ● View Management Utility ● PC Device Stage ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Evernote® ● Microsoft® Office preloaded; purchase a product key to activate ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Nitro Pro			
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) <i>Some:</i> NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution:</i> 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz														
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide														
Optical	<i>Some:</i> Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive														
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset														
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar														
eSATA port	None														
Media reader	Optional 9-in-1 media reader, internal USB 2.0														
Chipset	Intel H81 Express Chipset														
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DisplayPort														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
PCIe WLAN ⁴	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2														
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter														
Speaker	Optional internal speaker for business audio (1 watt)														
IEEE 1394	None														
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®														
Manageability	None											Security ● One lock to secure both cover and entire system to fixed object: - Padlock loop (in rear for opt padlock) - Security slot (in rear for optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Serial port I/O control ● Individual USB port disablement ● Chassis intrusion switch on selected model(s)			
Modem	None														
Security chip	None														
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Floor Stand	Optional system floor stand for vertical orientation														
Power supply	<i>Some:</i> 240 watts, autosensing, active PFC, 85% PSU														
Machine	● Business black color; metal case ● 13.2" W X 15.0" D X 3.9" H ● 335mm W X 382mm D X 101mm H ● 14.6 lb (6.6 kg) in maximum configuration ● Highlighted optical drive button for easy access														
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 2.5", N/A, no access, opt 2nd SSD* Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with HDD/SSD/reader installed														
Slot	Slot 1: Low Profile, PCIe 2.0 x16 (40W max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x1											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies			
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			

See footnotes for important warranty information

ThinkCentre M73 Small (10B5) - ES 6.0 (TopSeller) - II

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Pro-processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis Intrusion switch	2nd Serial / Parallel	Floor stand	ENERGY STAR 6.0	Internal Speaker	Preload	Ann date (mm/dd/yy)
10B50014US	3x4	i5-4590	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	Floor	ES6.0	Speaker	Win10 Pro64	09/15
10B50013US	3x4	i3-4150	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	Floor	ES6.0	Speaker	Win10 Pro64	09/15

Positioning	<i>Essential business features, exceptional value</i>											Preloaded operating system			
Processor	Intel® Core™ i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Windows® 10 Pro 64-bit			
Implementation	Processor in LGA1150 socket											Preloaded applications (only some listed)			
Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3 , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller											<ul style="list-style-type: none"> • Lenovo Companion • Lenovo Solution Center • Lenovo SHAREit • Lenovo REACHit • Desktop Power Manager • PC Device Stage • Microsoft® Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial) • Cyberlink Power2Go (DVD±RW, DVD) • Power2Go Create (DVD±RW) 			
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) Some: NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz														
Disk	Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide														
Optical	Some: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive														
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset														
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar														
eSATA port	None														
Media reader	Optional 9-in-1 media reader, internal USB 2.0														
Chipset	Intel H81 Express Chipset														
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DisplayPort														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
PCIe WLAN ⁴	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2														
Bluetooth	Some: Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter														
Speaker	Optional internal speaker for business audio (1 watt)														
IEEE 1394	None														
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®														
Manageability	None														
Modem	None														
Security chip	None														
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo											Security			
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Floor Stand	Optional system floor stand for vertical orientation											<ul style="list-style-type: none"> • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Serial port I/O control • Individual USB port disablement • Chassis intrusion switch on selected model(s) 			
Power supply	Some: 240 watts, autosensing, active PFC, 85% PSU														
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 13.2" W X 15.0" D X 3.9" H • 335mm W X 382mm D X 101mm H • 14.6 lb (6.6 kg) in maximum configuration • Highlighted optical drive button for easy access 														
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 2.5", N/A, no access, opt 2nd SSD* Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with HDD/SSD/reader installed														
Slot	Slot 1: Low Profile, PCIe 2.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x1											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant			
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			

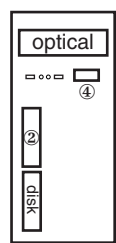
See footnotes for important warranty information

ThinkCentre M73 Mini Tower (10B0) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis Intrusion switch	2nd Serial / Parallel	ENERGY STAR 6.0 Global	Preload	Ann date (mm/dd/yy)
10B00005US	3x4	i5-4570	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	None	None	Win7 P64 DG Win8 10/01/13
10B00006US	3x4	i3-4130	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	None	None	Win7 P64 DG Win8 10/01/13
10B00007US	3x4	G3220	4GBx1	500G 7200	DVD±RW	None	None	Intel HD	None	S P	None	None	Win7 P64 DG Win8 10/01/13
10B00008US	3x4	i7-4770	8GBx1	1TB 7200	DVD±RW	None	None	HD 4600	None	S P	None	None	Win7 P64 DG Win8 10/01/13
10B0000GUS	3x4	i5-4570	4GBx1	1TB 7200	DVD±RW	None	None	HD 4600	None	None	None	None	Win7 P64 DG Win8 10/22/13
10B0000HUS	3x4	i5-4570	4GBx1	128G SSD	DVD±RW	None	None	HD 4600	None	None	None	None	Win7 P64 DG Win8 11/12/13
10B0000JUS	3x4	i5-4570	4GBx1	1TB Hybrid	DVD±RW	None	None	HD 4600	None	None	None	None	Win7 P64 DG Win8 11/12/13
10B0000KUS	3x4	i3-4130	4GBx1	2 x 500G 7200	DVD±RW	None	None	HD 7450	None	None	None	None	Win7 P64 DG Win8.1 02/04/14
10B0000LUS	3x4	i5-4570	4GBx1	2 x 500G 7200	DVD±RW	None	None	HD 7450	None	None	None	None	Win7 P64 DG Win8.1 02/04/14
10B0000NUS	3x4	G3220	4GBx1	2 x 500G 7200	DVD±RW	None	None	HD 7450	None	None	None	None	Win7 P64 DG Win8.1 02/04/14
10B0000QUS	3x4	i3-4130	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	None	None	Win7 P64 DG Win8.1 02/11/14
10B0000RUS	3x4	i5-4570	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	None	None	Win7 P64 DG Win8.1 02/11/14

Positioning	<i>Essential business features, exceptional value</i>
Processor	Intel® Pentium® G3220 Processor (2 cores / 2 threads, 3.0GHz, 3MB cache) , Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache) , Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache) , Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache) , Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller
Implementation	Processor in LGA1150 socket
Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3 , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i> <i>Some: AMD Radeon™ HD 7450, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express® 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts;</i> <i>Max resolution: 2560x1600 (DisplayPort, DVI-I)@60Hz</i>
Disk	<i>Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm</i> <i>Some: 1TB (7200 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 3.5" wide</i> <i>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</i> <i>Some: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive</i>
Optical	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset
SATA controller	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar
Onboard SATA	None
eSATA port	Optional 9-in-1 media reader, internal USB 2.0
Media reader	None
Chipset	Intel H81 Express Chipset
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DisplayPort
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)
Audio	High Definition (HD) Audio, Realtek® ALC662 codec
PCIe WLAN ⁴	None
Bluetooth	None
Speaker	Internal speaker for business audio (1.5 watt)
IEEE 1394	None
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®
Manageability	None
Modem	None
Security chip	None
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo
Power supply	280 watts, autosensing, active PFC
Mechanical	<ul style="list-style-type: none"> Business black color; metal case 6.3" W X 16.6" D X 15.3" H (with handle) 160mm W X 422mm D X 388mm H 20.7 lb (9.4 kg) in maximum configuration Handle on top front Highlighted optical drive button for easy access
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, opt disk* Bay 3: 3.5", 1" high, no access, std disk Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with HDD/SSD/reader installed
Slot	Slot 1: half-length, full-height, PCIe 2.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x1
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available

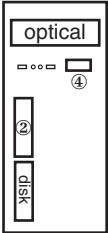


Preloaded operating system
<i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
<i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit
Ready to install applications (only some listed)
<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager
Preloaded applications (only some listed)
<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Power Manager View Management Utility PC Device Stage Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Evernote® Microsoft® Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Nitro Pro
Security
<ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s)
Cisco EnergyWise compatible
GREENGUARD® certified
RoHS-compliant
Supports ThinkVantage Technologies
For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

ThinkCentre M73 Mini Tower (10B0) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis Intrusion switch	2nd Serial / Parallel	ENERGY STAR 6.0 Global	Preload	Ann date (mm/dd/yy)
10B00017US	3x4	G3240	4GBx2	500G 7200	DVD±RW	None	None	Intel HD	None	None	None	None	Win7 P64 DG Win8.1 10/28/14
10B00016US	3x4	i5-4590	4GBx1	1TB 7200	DVD±RW	7260 b/g/n	None	HD 7450	None	None	None	None	Win7 P64 DG Win8.1 10/28/14
10B00019US	3x4	i7-4790	8GBx1	1TB 7200	DVD±RW	7260 b/g/n	None	HD 4600	None	None	None	None	Win7 P64 DG Win8.1 10/28/14
10B00011US	3x4	G3240	4GBx1	500G 7200	DVD±RW	None	None	Intel HD	None	None	None	None	Win7 P64 DG Win8.1 10/28/14
10B00014US	3x4	i5-4590	8GBx1	1TB 7200	DVD±RW	None	None	HD 4600	None	None	None	None	Win7 P64 DG Win8.1 10/28/14
10B00013US	3x4	i5-4590	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	None	None	Win7 P64 DG Win8.1 10/28/14
10B00012US	3x4	G3240	4GBx1	1TB 7200	DVD±RW	7260 b/g/n	None	Intel HD	None	None	None	None	Win7 P64 DG Win8.1 10/28/14
10B00018US	3x4	i7-4790	4GBx1	500G 7200	DVD±RW	7260 b/g/n	None	HD 4600	None	None	None	None	Win7 P64 DG Win8.1 10/28/14
10B00015US	3x4	i5-4590	4GBx1	1TB 7200	DVD±RW	7260 b/g/n	None	HD 4600	None	None	None	None	Win7 P64 DG Win8.1 10/28/14

Positioning	<i>Essential business features, exceptional value</i>											Preloaded operating system
Processor	Intel® Pentium® G3240 Processor (2 cores / 2 threads, 3.1GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4790 Processor (4 cores / 8 threads, 3.6GHz, 8MB cache), Turbo Boost 2.0 (4.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)
Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3 , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller											<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) Some: AMD Radeon™ HD 7450 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express® 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; Max resolution: 2560x1600 (DisplayPort, DVI-I)@60Hz											Preloaded applications (only some listed)
Disk	Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm Some: 1TB (7200 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 3.5" wide Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive											<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Power Manager View Management Utility PC Device Stage Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Evernote® Microsoft® Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Nitro Pro
Optical	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset											
SATA controller	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar											
Onboard SATA	None											
eSATA port	None											
Media reader	Optional 9-in-1 media reader, internal USB 2.0											
Chipset	Intel H81 Express Chipset											
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DisplayPort											
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)											
Audio	High Definition (HD) Audio, Realtek® ALC662 codec											
PCIe WLAN [†]	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2											
Bluetooth	Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter											
Speaker	Internal speaker for business audio (1.5 watt)											
IEEE 1394	None											
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®											
Manageability	None											
Modem	None											
Security chip	None											
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Power supply	280 watts, autosensing, active PFC											
Mechanical	<ul style="list-style-type: none"> Business black color; metal case 6.3" W X 16.6" D X 15.3" H (with handle) 160mm W X 422mm D X 388mm H 20.7 lb (9.4 kg) in maximum configuration Handle on top front Highlighted optical drive button for easy access 											
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, opt disk* Bay 3: 3.5", 1" high, no access, std disk Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with HDD/SSD/reader installed											
Slot	Slot 1: full-length, full-height, PCIe 2.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x1											
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Security <ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s) Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies
	For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet											

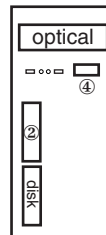
ThinkCentre M73 Mini Tower (10B2) - ES 6.0 (TopSeller)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis Intrusion switch	2nd Serial / Parallel	ENERGY STAR 6.0 Global	Preload	Ann date (mm/dd/yy)	
10B20002US	3x4	i5-4670	4GBx2	500G Hybrid	DVD±RW	N2230	None	GT 620	None	S P	ES6.0	None	Win7 Pro64 (DG)	10/01/13
10B2000QUS	3x4	G1820	4GBx1	500G 7200	DVD±RW	None	None	Intel HD	None	None	ES6.0	None	Win7 P64 DG Win8.1	01/14/14

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Essential business features, exceptional value</i>										
Processor	Intel® Celeron® G1820 Processor (2 cores / 2 threads, 2.7GHz, 2MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i5-4670 Processor (4 cores / 4 threads, 3.4GHz, 6MB cache), Turbo Boost 2.0 (3.8GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket										
Implementation											
Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3 , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller										
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) Some: NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz										
Disk	Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide										
Optical	Some: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive										
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset										
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar										
eSATA port	None										
Media reader	Optional 9-in-1 media reader, internal USB 2.0										
Chipset	Intel H81 Express Chipset										
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)										
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DisplayPort										
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)										
Audio	High Definition (HD) Audio, Realtek® ALC662 codec										
PCIe WLAN ⁴	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2										
Bluetooth	Some: Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter										
Speaker	Internal speaker for business audio (1.5 watt)										
IEEE 1394	None										
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN ⁵										
Manageability	None										
Modem	None										
Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Power supply	Some: 280 watts, autosensing, active PFC, 85% PSU										
Mechanical	<ul style="list-style-type: none"> • Business black color; metal case • 6.3" W X 16.6" D X 15.3" H (with handle) • 160mm W X 422mm D X 388mm H • 20.7 lb (9.4 kg) in maximum configuration • Handle on top front • Highlighted optical drive button for easy access 										
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, opt disk* Bay 3: 3.5", 1" high, no access, std disk Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with HDD/SSD/reader installed										
Slot	Slot 1: half-length, full-height, PCIe 2.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x1										
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										



Preloaded operating system

Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
 Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit

Ready to install applications (only some listed)

- Rescue and Recovery™
- Password Manager

Preloaded applications (only some listed)

- ThinkVantage® Product Recovery
- ThinkVantage System Update
- ThinkVantage Communication Utility
- ThinkVantage Power Manager
- View Management Utility
- PC Device Stage
- Lenovo Cloud Storage by SugarSync
- Lenovo Solution Center
- Lenovo Message Center Plus
- Norton™ Internet Security (30 days of virus definitions)
- Adobe® Reader®
- Skype™
- Evernote®
- Microsoft® Office preloaded; purchase a product key to activate
- Cyberlink Power2Go (DVD±RW)
- Cyberlink PowerProducer (DVD±RW)
- Nitro Pro

Security

- One lock to secure both cover and entire system to fixed object:
 - Padlock loop (in rear for opt padlock)
 - Security slot (in rear for optional Kensington® MicroSaver® cable)
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Serial port I/O control
- Individual USB port disablement
- Chassis intrusion switch on selected model(s)

EPEAT™ Gold rating
 ENERGY STAR® 6.0-compliant
 Cisco EnergyWise compatible
 GREENGUARD® certified
 RoHS-compliant

Supports ThinkVantage Technologies

For compatible accessories, please go to TC-AQP sheet;
 For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
 US model(s) announced October 1, 2013 or January 14, 2014

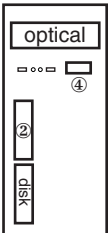
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ThinkCentre M73 Mini Tower (10B2) - ES 6.0 (TS) - Win 10

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis Intrusion switch	2nd Serial / Parallel	ENERGY STAR 6.0	Internal Speaker	Preload	Ann date (mm/dd/yy)
10B20010US	3x4	i3-4150	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	ES6.0	None	Win10 Pro64	08/18/15
10B2000YUS	3x4	i5-4590	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	ES6.0	None	Win10 Pro64	08/18/15
10B20011US	3x4	i3-4150	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	ES6.0	Speaker	Win10 Pro64	09/22/15
10B20012US	3x4	i5-4590	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	ES6.0	Speaker	Win10 Pro64	09/22/15

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Essential business features, exceptional value</i>										Preloaded operating system			
Processor	Intel Core™ i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket										Windows® 10 Pro 64-bit			
Implementation											Preloaded applications (only some listed)			
Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3 , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller										<ul style="list-style-type: none"> • Lenovo Companion • Lenovo Solution Center • Lenovo SHAREit • Lenovo REACHit • Desktop Power Manager • PC Device Stage • Microsoft® Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial) • Cyberlink PowerDVD (DVD±RW, DVD) • PowerDVD Create (DVD±RW) 			
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) Some: NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz													
Disk	Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide													
Optical	Some: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive													
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset													
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar													
eSATA port	None													
Media reader	Optional 9-in-1 media reader, internal USB 2.0													
Chipset	Intel H81 Express Chipset													
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DisplayPort													
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)													
Audio	High Definition (HD) Audio, Realtek® ALC662 codec													
PCIe WLAN ⁴	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2													
Bluetooth	Some: Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter													
Speaker	Optional internal speaker for business audio (1 watt)													
IEEE 1394	None													
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN ⁵													
Manageability	None										Security			
Modem	None										<ul style="list-style-type: none"> • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Serial port I/O control • Individual USB port disablement • Chassis intrusion switch on selected model(s) 			
Security chip	None													
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo													
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Power supply	Some: 280 watts, autosensing, active PFC, 85% PSU													
Mechanical	<ul style="list-style-type: none"> • Business black color; metal case • 6.3" W X 16.6" D X 15.3" H (with handle) • 160mm W X 422mm D X 388mm H • 20.7 lb (9.4 kg) in maximum configuration • Handle on top front • Highlighted optical drive button for easy access 													
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, opt disk* Bay 3: 3.5", 1" high, no access, std disk Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with HDD/SSD/reader installed													
Slot	Slot 1: half-length, full-height, PCIe 2.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x1										EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant			
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			

See footnotes for important warranty information

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ThinkCentre M73 Tiny (10AX) - Thin Client

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	Flash Memory	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Keyboard / mouse	Preload	Ann date (mm/dd/yy)
10AX005GUS	G1820T	2GBx1	8G DOM Card	None	Intel HD	Intel 105	None	None	Stand	None	USB	WES 7	02/25/14
10AX005HUS	G1820T	2GBx1	8G DOM Card	None	Intel HD	Intel 105	None	None	Stand	None	USB	LeTOS	02/25/14

- 1-year depot warranty

Positioning	<i>Essential business features, exceptional value</i>										
Processor	Intel® Celeron® G1820T Processor (2 cores / 2 threads, 2.4GHz, 2MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller										
Implementation	Processor in LGA1150 socket										
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1333MHz DDR3 memory controller</i>										
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports up to dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>										
DP dongle	None										
Flash Memory	8GB / DOM (Disk On Module) Card										
External optical	<i>Some:</i> Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in, via USB 2.0										
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset										
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar										
eSATA port	None										
Chipset	Intel H81 Express Chipset										
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)										
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)										
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port										
PCIe Mini Card	One PCI Express® Mini Card slot										
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 <i>Some:</i> Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter										
Bluetooth	High Definition (HD) Audio, Realtek® ALC283 codec										
Audio	Internal speaker for business audio (1.5 watt)										
Speaker	Gigabit ethernet port, Intel I217-V, Wake on LAN®										
Ethernet	None										
Intel AMT	None										
Modem	None										
Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Floor Stand	Optional System floor stand for vertical orientation										
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard										
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU										
Mechanical	<ul style="list-style-type: none"> • Tiny (1L), business black color; metal case • <i>M73 Tiny only:</i> 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration • <i>With VESA mount & optical box:</i> 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 5.1lb (2.3 kg), weight may vary by configuration 										
Limited Warranty	1-years - depot repair service / service upgrades available										
<p>Preloaded operating system</p> <p><i>Some:</i> Genuine Windows® Embedded Standard 7 (WES 7)</p> <p><i>Some:</i> LeTOS (Lenovo Terminal Operating System, Linux-based)</p> <p>Preloaded applications (only some listed)</p> <p>- WES 7 only:</p> <ul style="list-style-type: none"> • Intel Management Engine Components • RDP Client • Citrix Client • VMware Client • Internet Explorer 9 • Java • Flash • .Net Framework • Microsoft® Silverlight • Echo Agent • Ultra VNC • Adobe Reader • Intel Manageability Engine Firmware Recovery Agent <p>- LeTOS only:</p> <ul style="list-style-type: none"> • xFreeRDP • Citrix ICA Client • VMware View Client • Java • Mozilla Firefox • NX NoMachine Client • X11 Client • VDI-In-A-Box Java Client • AnyConnect VPN Client <p>Security</p> <ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • <i>Chassis intrusion switch on selected model(s)</i> <p>EPEAT™ Gold rating (WES models) ENERGY STAR® 6.0 (WES models) Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant</p> <p>Supports ThinkVantage Technologies</p> <p>For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet</p>											

See footnotes for important warranty information
US model(s) announced February 25, 2013

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ThinkCentre M73 Tiny (10DK) - Thin Client

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	Flash Memory	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Keyboard / mouse	Preload	Ann date (mm/dd/yy)
10DK0009US	G1820T	2GBx1	16G DOM Card	None	Intel HD	None	None	None	None	None	USB	WES 7	10/17/14
10DK000BUS	G1820T	4GBx1	16G DOM Card	None	Intel HD	None	None	None	None	None	USB	WES 7	10/17/14
10DK000DUS	G1820T	2GBx1	8G DOM Card	None	Intel HD	None	None	None	None	None	USB	LeTOS	10/17/14
10DK000EUS	G1820T	4GBx1	8G DOM Card	None	Intel HD	None	None	None	None	None	USB	LeTOS	10/17/14
10DK000FUS	G1820T	2GBx1	8G DOM Card	None	Intel HD	None	None	None	None	None	USB	WES 7	10/17/14
10DK000GUS	i5-4460T	4GBx1	16G DOM Card	None	HD 4600	None	None	None	None	None	USB	WES 7	10/17/14
10DK000HUS	i3-4150T	4GBx1	16G DOM Card	None	HD 4400	None	None	None	None	None	USB	WES 7	10/17/14
10DK000JUS	i3-4150T	2GBx1	16G DOM Card	None	HD 4400	None	None	None	None	None	USB	WES 7	10/17/14
10DK000KUS	G1820T	4GBx1	8G DOM Card	None	Intel HD	None	None	None	None	None	USB	WES 7	10/17/14

● 1-year onsite warranty

Positioning Processor	<i>Essential business features, exceptional value</i> Intel® Celeron® G1820T Processor (2 cores / 2 threads, 2.4GHz, 2MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i3-4150T Processor (2 cores / 4 threads, 3.0GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4460T Processor (4 cores / 4 threads, 1.9GHz, 6MB cache), Turbo Boost 2.0 (2.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller	Preloaded operating system <i>Some:</i> Genuine Windows® Embedded Standard 7 (WES 7) <i>Some:</i> LeTOS (Lenovo Terminal Operating System, Linux-based)
Implementation	Processor in LGA1150 socket	Preloaded applications (only some listed)
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1333MHz DDR3 memory controller</i>	- WES 7 only: ● Intel Management Engine Components ● RDP Client ● Citrix Client ● VMware Client ● Internet Explorer 9 ● Java ● Flash ● .Net Framework ● Microsoft® Silverlight ● Echo Agent ● Ultra VNC ● Adobe Reader ● Intel Manageability Engine Firmware Recovery Agent
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports up to dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>	- LeTOS only: ● xFreeRDP ● Citrix ICA Client ● VMware View Client ● Java ● Mozilla Firefox ● NX NoMachine Client ● X11 Client ● VDI-In-A-Box Java Client ● AnyConnect VPN Client
DP dongle	None	
Flash Memory	8GB or 16GB / DOM (Disk On Module) Card	
External optical	<i>Some:</i> Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in, via USB 2.0	
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset	
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar	
eSATA port	None	
Chipset	Intel H81 Express Chipset	
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)	
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 <i>Some:</i> Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter	
Bluetooth		
Audio	High Definition (HD) Audio, Realtek® ALC283 codec	
Speaker	Internal speaker for business audio (1.5 watt)	
Ethernet	Gigabit ethernet port, Intel I217-V, Wake on LAN®	
Intel AMT	None	
Modem	None	
Security chip	None	Security ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement ● <i>Chassis intrusion switch on selected model(s)</i>
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Floor Stand	Optional System floor stand for vertical orientation	
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard	
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU	
Mechanical	● Tiny (1L), business black color; metal case ● <i>M73 Tiny only:</i> 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration ● <i>With VESA mount & optical box:</i> 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 5.1lb (2.3 kg), weight may vary by configuration	EPEAT™ Gold rating (WES models) ENERGY STAR® 6.0 (WES models) Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies
Limited Warranty	1-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
US model(s) announced February 25, 2013

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(MLM1N-11) October 2014

ThinkCentre M73 Tiny (10AX)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Keyboard / mouse	Preload	Ann date (mm/dd/yy)
10AX001WUS	i5-4570T	4GBx1	500G 7200	DVD±RW	HD 4600	Intel 105	None	None	None	Mount	USB	Win7 P64 DG Win8	10/01/13
10AX001XUS	i5-4570T	4GBx1	500G Hybrid	DVD±RW	HD 4600	Intel 2230	None	None	None	Mount	USB	Win7 P64 DG Win8	10/01/13
10AX001YUS	i7-4765T	8GBx1	500G Hybrid	DVD±RW	HD 4600	Intel 2230	None	None	None	Mount	USB	Win7 P64 DG Win8	10/01/13
10AX003WUS	i3-4130T	4GBx1	500G 7200	None	HD 4400	Intel 105	None	None	Stand	None	USB	Win7 P64 DG Win8	10/01/13
10AX003YUS	i3-4130T	4GBx1	500G 7200	DVD±RW	HD 4400	Intel 105	None	None	None	Mount	USB	Win7 P64 DG Win8	10/01/13
10AX0040US	G3220T	4GBx1	500G 7200	DVD±RW	Intel HD	Intel 105	None	None	None	Mount	USB	Win7 P64 DG Win8	10/01/13
10AX0041US	G3220T	4GBx1	500G 7200	None	Intel HD	Intel 105	None	None	Stand	None	USB	Win7 P64 DG Win8	10/01/13
10AX0042US	i3-4130T	4GBx1	500G Hybrid	None	HD 4400	Intel 2230	None	None	Stand	None	USB	Win7 P64 DG Win8	10/01/13
10AX0067US	i5-4570T	4GBx1	500G 7200	None	HD 4600	N7260	Serial	None	Stand	None	USB	Win7 P64 DG Win8.1	04/01/14
10AX0065US	G1820T	4GBx1	500G 7200	None	Intel HD	BCM4352	Serial	None	Stand	None	USB	Win7 P64 DG Win8.1	04/01/14
10AX0066US	i3-4130T	4GBx1	500G 7200	None	HD 4400	N7260	Serial	None	Stand	None	USB	Win7 P64 DG Win8.1	04/01/14
Positioning	<i>Essential business features, exceptional value</i>												
Processor	Intel® Celeron® G1820T Processor (2 cores / 2 threads, 2.4GHz, 2MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Pentium® G3220T Processor (2 cores / 2 threads, 2.6GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i3-4130T Processor (2 cores / 4 threads, 2.9GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570T Processor (2 cores / 4 threads, 2.9GHz, 4MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4765T Processor (4 cores / 8 threads, 2.0GHz, 8MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket												
Implementation													
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1333MHz DDR3 memory controller</i>												
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports up to dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>												
DP dongle	None												
Disk	<i>Some: SATA 6.0Gb/s, 2.5" Wide, 7200 rpm</i> <i>Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</i> <i>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</i>												
External optical	<i>Some: Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in, via USB 2.0</i>												
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset												
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar												
eSATA port	None												
Chipset	Intel H81 Express Chipset												
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)												
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)												
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port												
PCIe Mini Card	One PCI Express® Mini Card slot												
PCIe WLAN	<i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2</i> <i>Some: 11ac/b/g/n wireless, PCIe Half Mini Card, Broadcom BCM4352, dual band (2.4/5GHz), Wi-Fi + Bluetooth 4.0 combo adapter, 2x2</i> <i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2</i> <i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1</i> <i>Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter</i>												
Bluetooth	High Definition (HD) Audio, Realtek® ALC283 codec												
Audio	Internal speaker for business audio (1.5 watt)												
Speaker	Gigabit ethernet port, Intel I217-V, Wake on LAN®												
Ethernet	None												
Intel AMT	None												
Modem	None												
Security chip	None												
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo												
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo												
Floor Stand	Optional System floor stand for vertical orientation												
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard												
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU												
Mechanical	<ul style="list-style-type: none"> Tiny (1L), business black color; metal case M73 Tiny only: <ul style="list-style-type: none"> 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration With VESA mount & optical box: <ul style="list-style-type: none"> 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 5.1lb (2.3 kg), weight may vary by configuration 												
Limited Warranty	3-years, limited onsite service. 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available												
								Preloaded operating system					
								<i>Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit</i>					
								<i>Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit</i>					
								Ready to install applications (only some listed)					
								<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 					
								Preloaded applications (only some listed)					
								<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Power Manager View Management Utility PC Device Stage Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Evernote® Microsoft® Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Nitro Pro 					
								Security					
								<ul style="list-style-type: none"> Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Chassis intrusion switch on selected model(s) 					
								EPEAT™ Gold rating					
								ENERGY STAR® 6.0-compliant					
								Cisco EnergyWise compatible					
								GREENGUARD® certified					
								RoHS-compliant					
								Supports ThinkVantage Technologies					
								For compatible accessories, please go to TC-AQP sheet;					
								For Lenovo service upgrade options, please go to S-TC sheet					

ThinkCentre M73 Tiny (10AX) - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Keyboard / mouse	Preload	Ann date (mm/dd/yy)
10AX008TUS	i5-4590T	8GBx1	500G 7200	None	HD 4600	7260 b/g/n	Serial	None	None	Mount	USB	Win7 P64 DG Win8.1	10/28/14
10AX008KUS	i3-4150T	4GBx1	500G 7200	None	HD 4400	7260 b/g/n	None	None	None	None	USB	Win7 P64 DG Win8.1	10/28/14
10AX008QUS	i5-4590T	4GBx1	256G SSD	None	HD 4600	7260 b/g/n	USB	None	None	Mount	USB	Win7 P64 DG Win8.1	10/28/14
10AX008NUS	i3-4150T	8GBx1	256G SSD	None	HD 4400	7260 b/g/n	USB	None	None	None	USB	Win7 P64 DG Win8.1	10/28/14
10AX008LUS	i3-4150T	4GBx1	180G SSD	None	HD 4400	7260 b/g/n	Serial	None	None	None	USB	Win7 P64 DG Win8.1	10/28/14
10AX008PUS	i5-4590T	4GBx1	500G 7200	DVD±RW	HD 4600	7260 b/g/n	USB	None	None	Mount	USB	Win7 P64 DG Win8.1	10/28/14

Positioning	<i>Essential business features, exceptional value</i>										
Processor	Intel® Core™ i3-4150T Processor (2 cores / 4 threads, 3.0GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4590T Processor (4 cores / 4 threads, 2.0GHz, 6MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller										
Implementation	Processor in LGA1150 socket										
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1333MHz DDR3 memory controller</i>										
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports up to dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>										
DP dongle	None										
Disk	<i>Some: SATA 6.0Gb/s, 2.5" Wide, 7200 rpm</i> <i>Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</i> <i>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</i>										
External optical	<i>Some: Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in, via USB 2.0</i>										
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset										
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar										
eSATA port	None										
Chipset	Intel H81 Express Chipset										
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)										
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)										
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port										
PCIe Mini Card	One PCI Express® Mini Card slot										
PCIe WLAN	<i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2</i> <i>Some: 11ac/b/g/n wireless, PCIe Half Mini Card, Broadcom BCM4352, dual band (2.4/5GHz), Wi-Fi + Bluetooth 4.0 combo adapter, 2x2</i> <i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2</i> <i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1</i> <i>Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter</i>										
Bluetooth	High Definition (HD) Audio, Realtek® ALC283 codec										
Audio	Internal speaker for business audio (1.5 watt)										
Speaker	Gigabit ethernet port, Intel I217-V, Wake on LAN®										
Ethernet	None										
Intel AMT	None										
Modem	None										
Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Floor Stand	Optional System floor stand for vertical orientation										
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard										
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU										
Mechanical	<ul style="list-style-type: none"> Tiny (1L), business black color; metal case M73 Tiny only: 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration With VESA mount & optical box: 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 5.1lb (2.3 kg), weight may vary by configuration 										
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										
	Preloaded operating system <i>Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit</i> <i>Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit</i>										
	Ready to install applications (only some listed) <ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 										
	Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Power Manager View Management Utility PC Device Stage Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Evernote® Microsoft® Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Nitro Pro 										
	Security <ul style="list-style-type: none"> Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Chassis intrusion switch on selected model(s) 										
	EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant										
	Supports ThinkVantage Technologies										
	For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet										

ThinkCentre M73 Tiny (10AX) - III

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Keyboard / mouse	Preload	Ann date (mm/dd/yy)
10AX009MUS	i5-4590T	8GBx1	500G 7200	None	HD 4600	7260 b/g/n	None	None	Stand	None	USB	Win10 Home64	09/22/15
10AX009NUS	i3-4150T	4GBx1	500G 7200	None	HD 4400	7260 b/g/n	None	None	Stand	None	USB	Win10 Home64	09/22/15
10AX009PUS	i5-4590T	4GBx1	500G 7200	None	HD 4600	7260 b/g/n	None	None	Stand	None	USB	Win10 Home64	09/22/15

Positioning	<i>Essential business features, exceptional value</i>										
Processor	Intel® Core™ i3-4150T Processor (2 cores / 4 threads, 3.0GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4590T Processor (4 cores / 4 threads, 2.0GHz, 6MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket										
Implementation											
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1333MHz DDR3 memory controller</i>										
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports up to dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>										
DP dongle	None										
Disk	<i>Some: SATA 6.0Gb/s, 2.5" Wide, 7200 rpm</i> <i>Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</i> <i>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</i>										
External optical	<i>Some: Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in, via USB 2.0</i>										
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset										
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar										
eSATA port	None										
Chipset	Intel H81 Express Chipset										
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)										
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)										
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port										
PCIe Mini Card	One PCI Express® Mini Card slot										
PCIe WLAN	<i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2</i> <i>Some: 11ac/b/g/n wireless, PCIe Half Mini Card, Broadcom BCM4352, dual band (2.4/5GHz), Wi-Fi + Bluetooth 4.0 combo adapter, 2x2</i> <i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2</i> <i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1</i> <i>Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter</i>										
Bluetooth	High Definition (HD) Audio, Realtek® ALC283 codec										
Audio	Internal speaker for business audio (1.5 watt)										
Speaker	Gigabit ethernet port, Intel I217-V, Wake on LAN®										
Ethernet	None										
Intel AMT	None										
Modem	None										
Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Floor Stand	Optional System floor stand for vertical orientation										
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard										
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU										
Mechanical	<ul style="list-style-type: none"> • Tiny (1L), business black color; metal case • <i>M73 Tiny only:</i> <ul style="list-style-type: none"> 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration • <i>With VESA mount & optical box:</i> <ul style="list-style-type: none"> 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 5.1lb (2.3 kg), weight may vary by configuration 										
Limited Warranty	3-years, limited onsite service. 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										
	Preloaded operating system Windows® 10 Home 64-bit Preloaded applications (only some listed) <ul style="list-style-type: none"> • Lenovo Companion • Lenovo Solution Center • Lenovo SHAREit • Lenovo REACHit • Desktop Power Manager • PC Device Stage • Microsoft® Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial) • Cyberlink PowerDVD (DVD±RW, DVD) • PowerDVD Create (DVD±RW) 										
	Security <ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch on selected model(s) 										
	EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant										
	Supports ThinkVantage Technologies										
	For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet										

See footnotes for important warranty information

ThinkCentre M73 Tiny (10AX) - 1-year depot

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Keyboard / mouse	Preload	Ann date (mm/dd/yy)
10AX003XUS	i3-4130T	4GBx1	500G 7200	None	HD 4400	Intel 105	None	None	Stand	None	USB Win7 Pro64 (DG)		10/01/13
10AX0057US	G1820T	4GBx1	500G 7200	None	Intel HD	N7260	None	None	Stand	None	USB Win7 P64 DG Win8.1		01/14/14

●A depot repair service 1-year limited warranty

Positioning Processor	<i>Essential business features, exceptional value</i> Intel® Celeron® G1820T Processor (2 cores / 2 threads, 2.4GHz, 2MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i3-4130T Processor (2 cores / 4 threads, 2.9GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller											Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit	
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed) <ul style="list-style-type: none">● Rescue and Recovery™● Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none">● ThinkVantage® Product Recovery● ThinkVantage System Update● ThinkVantage Communication Utility● ThinkVantage Power Manager● View Management Utility● PC Device Stage● Lenovo Cloud Storage by SugarSync● Lenovo Solution Center● Lenovo Message Center Plus● Norton™ Internet Security (30 days of virus definitions)● Adobe® Reader®● Skype™● Evernote®● Microsoft® Office preloaded; purchase a product key to activate● Cyberlink Power2Go (DVD±RW)● Cyberlink PowerProducer (DVD±RW)● Nitro Pro	
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1333MHz DDR3 memory controller</i>												
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports up to dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>											Security <ul style="list-style-type: none">● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable)● Power-on password● Administrator password● Hard disk password● Boot sequence control● Boot without keyboard and mouse● Individual USB port disablement● Chassis intrusion switch on selected model(s) EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet	
DP dongle	None												
Disk	<i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 7200 rpm												
External optical	None												
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset												
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar												
eSATA port	None												
Chipset	Intel H81 Express Chipset												
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)												
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)												
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port												
PCIe Mini Card	One PCI Express® Mini Card slot												
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 <i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter												
Bluetooth	High Definition (HD) Audio, Realtek® ALC283 codec												
Audio	Internal speaker for business audio (1.5 watt)												
Speaker	Gigabit ethernet port, Intel I217-V, Wake on LAN®												
Ethernet	None												
Intel AMT	None												
Modem	None												
Security chip	None												
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo												
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo												
Floor Stand	Optional System floor stand for vertical orientation												
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard												
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU												
Mechanical	<ul style="list-style-type: none"> ● Tiny (1L), business black color; metal case ● <i>M73 Tiny only:</i> <ul style="list-style-type: none"> 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration ● <i>With VESA mount & optical box:</i> <ul style="list-style-type: none"> 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 5.1lb (2.3 kg), weight may vary by configuration 												
Limited Warranty	1-years - depot repair service / service upgrades available												

See footnotes for important warranty information
US model(s) announced October 1, 2013 or January 14, 2014

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ThinkCentre M73 Tiny (10AX) - OID

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10AX002UUS	G3420T	2GBx1	320G 5400	None	Intel HD	Intel 105	None	None	Stand	None	G O	Win7 Pro64	10/01/13
10AX002VUS	i3-4130T	4GBx1	500G 5400	None	HD 4400	Intel 2230	None	None	Stand	None	G O	Win7 Pro64 (DG)	10/01/13
10AX003DUS	i5-4570T	4GBx1	128G SSD	DVD±RW	HD 4600	Intel 2230	USB	Switch	None	Mount	G O	Win7 Pro64 (DG)	10/01/13
10AX0044US	i5-4570T	4GBx1	500G 7200	None	HD 4600	Intel 2230	None	None	Stand	None	G O	Win7 Pro64 (DG)	10/22/13
10AX0045US	i3-4130T	4GBx1	500G 7200	None	HD 4400	Intel 105	None	None	Stand	None	G O	Win7 Pro64 (DG)	10/22/13
10AX007WUS	i5-4590T	4GBx1	128G SSD	DVD±RW	HD 4600	7260 b/g/n	USB	Switch	None	Mount	G O	Win7 P64 DG Win8.1	07/08/14
10AX007XUS	i3-4150T	4GBx1	500G 5400	None	HD 4400	7260 b/g/n	None	None	Stand	None	G O	Win7 P64 DG Win8.1	07/08/14
10AX009LUS	i3-4150T	4GBx1	500G 5400	None	HD 4400	7260 b/g/n	None	None	Stand	None	G O	Win7 P64 DG Win10	10/20/15

● Onsite International Delivery (OID)

Positioning Processor	<i>Essential business features, exceptional value</i> Intel® Pentium® G3420T Processor (2 cores / 2 threads, 2.7GHz, 3MB cache), Intel HD Graphics, 1600MHz DDR3 memory controller Intel Core™ i3-4130T Processor (2 cores / 4 threads, 2.9GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i3-4150T Processor (2 cores / 4 threads, 3.0GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570T Processor (2 cores / 4 threads, 2.9GHz, 4MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4590T Processor (4 cores / 4 threads, 2.0GHz, 4MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket	Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8/8.1 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Implementation		Ready to install applications (only some listed) ● Rescue and Recovery™ ● Password Manager
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1333MHz DDR3 memory controller</i>	Preloaded applications (only some listed) ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Power Manager ● View Management Utility ● PC Device Stage ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Evernote® ● Microsoft® Office preloaded; purchase a product key to activate ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Nitro Pro
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports up to dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>	
DP dongle	None	
Disk	<i>Some:</i> SATA 3.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide	
External optical	<i>Some:</i> Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in, via USB 2.0	
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset	
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar	
eSATA port	None	
Chipset	Intel H81 Express Chipset	
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)	
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2	
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
Audio	High Definition (HD) Audio, Realtek® ALC283 codec	Security ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement ● Chassis intrusion switch on selected model(s)
Speaker	Internal speaker for business audio (1.5 watt)	
Ethernet	Gigabit ethernet port, Intel I217-V, Wake on LAN®	
Intel AMT	None	
Modem	None	
Security chip	None	
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Floor Stand	Optional System floor stand for vertical orientation	
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard	
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU	
Mechanical	● Tiny (1L), business black color; metal case ● M73 Tiny only: 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration ● With VESA mount & optical box: 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 5.1lb (2.3 kg), weight may vary by configuration	EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies
Limited Warranty	3-years, limited onsite service. 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information

ThinkCentre M73 Tiny (10AX) - OID - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10AX009QUS	G3450T	2GBx1	320G 7200	None	Intel HD	None	None	None	Stand	None	G O	Win10 Pro64	09/22/15

● Onsite International Delivery (OID)

Positioning	<i>Essential business features, exceptional value</i>										
Processor	Intel® Pentium® G3450T Processor (2 cores / 2 threads, 2.9GHz, 3MB cache), Intel HD Graphics, 1600MHz DDR3 memory controller										
Implementation	Processor in LGA1150 socket										
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1333MHz DDR3 memory controller</i>										
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports up to dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>										
DP dongle	None										
Disk	<i>Some: SATA 3.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm</i> <i>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</i>										
External optical	<i>Some: Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in, via USB 2.0</i>										
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset										
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar										
eSATA port	None										
Chipset	Intel H81 Express Chipset										
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)										
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)										
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port										
PCIe Mini Card	One PCI Express® Mini Card slot										
PCIe WLAN	<i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2</i> <i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1</i> <i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2</i>										
Bluetooth	<i>Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter</i>										
Audio	High Definition (HD) Audio, Realtek® ALC283 codec										
Speaker	Internal speaker for business audio (1.5 watt)										
Ethernet	Gigabit ethernet port, Intel I217-V, Wake on LAN®										
Intel AMT	None										
Modem	None										
Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Floor Stand	Optional System floor stand for vertical orientation										
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard										
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU										
Mechanical	<ul style="list-style-type: none"> Tiny (1L), business black color; metal case <i>M73 Tiny only:</i> <ul style="list-style-type: none"> 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration <i>With VESA mount & optical box:</i> <ul style="list-style-type: none"> 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 5.1lb (2.3 kg), weight may vary by configuration 										
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										
	Preloaded operating system Windows® 10 Pro 64-bit Preloaded applications (only some listed) <ul style="list-style-type: none"> Lenovo Companion Lenovo Solution Center Lenovo SHAREit Lenovo REACHit Desktop Power Manager PC Device Stage Microsoft® Office preloaded; purchase a product key to activate McAfee® LiveSafe™ (30-day trial) Cyberlink PowerDVD (DVD±RW, DVD) PowerDVD Create (DVD±RW) 										
	Security <ul style="list-style-type: none"> Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Chassis intrusion switch on selected model(s) 										
	EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant										
	Supports ThinkVantage Technologies										
	For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet										

See footnotes for important warranty information

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ThinkCentre M73 Tiny (10DM) - TIO (OID)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ³	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10DM000MUS	i5-4570T	4GBx1	128G SSD	None	HD 4600	7260 b/g/n	None	Switch	None	None	G O	Win7 P64 DG Win8.1	10/17/14
10DM000NUS	G3420T	2GBx1	320G 5400	None	Intel HD	8723BE	None	None	None	None	G O	Win7 Pro64	10/17/14
10DM000PUS	i3-4130T	4GBx1	500G 5400	None	HD 4400	7260 b/g/n	None	None	None	None	G O	Win7 P64 DG Win8.1	10/17/14
10DM000QUS	G3420T	2GBx1	320G 7200	None	Intel HD	8723BE	None	None	None	None	G O	Win7 Pro64	10/17/14
10DM000RUS	i3-4130T	4GBx1	500G 7200	None	HD 4400	7260 b/g/n	None	None	None	None	G O	Win7 P64 DG Win8.1	10/17/14
10DM0014US	i5-4570T	4GBx1	500G 7200	DVD±RW (TIO23)	HD 4600	7260 b/g/n	None	None	None	None	G O	Win7 P64 DG Win8.1	05/26/15
10DM0015US	i3-4170T	4GBx1	500G 5400	None	HD 4400	7260 b/g/n	None	None	None	None	G O	Win7 P64 DG Win10	10/20/15

● Onsite International Delivery (OID)

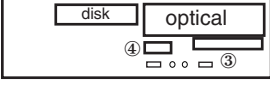
Positioning	<i>Essential business features, exceptional value</i>										
Processor	<p>Intel® Pentium® G3420T Processor (2 cores / 2 threads, 2.7GHz, 3MB cache), Intel HD Graphics, 1600MHz DDR3 memory controller</p> <p>Intel Core™ i3-4130T Processor (2 cores / 4 threads, 2.9GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller</p> <p>Intel Core i3-4150T Processor (2 cores / 4 threads, 3.0GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller</p> <p>Intel Core i3-4170T Processor (2 cores / 4 threads, 3.2GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller</p> <p>Intel Core i5-4570T Processor (2 cores / 4 threads, 2.9GHz, 4MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p> <p>Intel Core i5-4590T Processor (4 cores / 4 threads, 2.0GHz, 4MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p>										
Implementation	Processor in LGA1150 socket										
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1333MHz DDR3 memory controller</i>										
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports up to dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>										
DP dongle	None										
Disk	<i>Some:</i> SATA 3.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide										
External optical	<i>Some:</i> external USB optical box with DVD burner, 9.5mm high, compatible with TIO 23										
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset										
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar										
eSATA port	None										
Chipset	Intel H81 Express Chipset										
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)										
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)										
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port										
PCIe Mini Card	One PCI Express® Mini Card slot										
PCIe WLAN	<p><i>Some:</i> 11ac/a/b/g/n wireless, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT 4.0 combo adapter, 2x2</p> <p><i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2</p> <p><i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi/BT 4.0, 1x1</p>										
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter										
Audio	High Definition (HD) Audio, Realtek® ALC283 codec										
Speaker	Internal speaker for business audio (1.5 watt)										
Ethernet	Gigabit ethernet port, Intel I217-V, Wake on LAN®										
Intel AMT	None										
Modem	None										
Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Floor Stand	Optional System floor stand for vertical orientation										
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard										
Power supply	None										
Mechanical	<ul style="list-style-type: none"> Tiny (1L), business black color; metal case M73 Tiny only: <ul style="list-style-type: none"> 7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration With VESA mount & optical box: <ul style="list-style-type: none"> 7.2" W X 7.2" D X 2.55" H 184mm W X 182mm D X 65mm H 5.1lb (2.3 kg), weight may vary by configuration 										
Limited Warranty	3-years, limited onsite service. 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										
	<p>Preloaded operating system</p> <p><i>Some:</i> Windows® 7 Professional 64</p> <p><i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8/8.1 Pro 64-bit</p> <p><i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit</p> <p>Ready to install applications (only some listed)</p> <ul style="list-style-type: none"> Rescue and Recovery™ Password Manager <p>Preloaded applications (only some listed)</p> <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Power Manager View Management Utility PC Device Stage Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Evernote® Microsoft® Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Nitro Pro <p>Security</p> <ul style="list-style-type: none"> Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Chassis intrusion switch on selected model(s) <p>EPEAT™ Gold rating</p> <p>ENERGY STAR® 6.0-compliant</p> <p>Cisco EnergyWise compatible</p> <p>GREENGUARD® certified</p> <p>RoHS-compliant</p> <p>Supports ThinkVantage Technologies</p> <p>For compatible accessories, please go to TC-AQP sheet;</p> <p>For Lenovo service upgrade options, please go to S-TC sheet</p>										

See footnotes for important warranty information

ThinkCentre M73 Small (10B7)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Pro-processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis Intrusion switch	2nd Serial / Parallel	Floor stand	ENERGY STAR 6.0 Global	Preload	Ann date (mm/dd/yy)
10B7000SUS	3x4	i5-4570	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	Stand	None	None	Win7 P64 DG Win8 10/01/13
10B7000TUS	3x4	i7-4770	8GBx1	500G Hybrid	DVD±RW	N2230	None	GT 620	None	None	Stand	None	None	Win7 P64 DG Win8 10/01/13
10B7001RUS	3x4	i3-4130	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	Stand	None	None	Win7 P64 DG Win8 10/01/13
10B7001TUS	3x4	i3-4130	4GBx1	500G Hybrid	DVD±RW	None	None	HD 4400	None	None	Stand	None	None	Win7 P64 DG Win8 10/01/13
10B7001UUS	3x4	i3-4130	4GBx1	1TB 7200	DVD±RW	None	None	HD 4400	None	Serial	Stand	None	None	Win7 P64 DG Win8 10/01/13
10B7001VUS	3x4	G3220	4GBx1	500G 7200	DVD±RW	None	None	Intel HD	None	Serial	Stand	None	None	Win7 P64 DG Win8 10/01/13
10B7001WUS	3x4	G3220	4GBx1	500G Hybrid	DVD±RW	None	None	Intel HD	None	Serial	Stand	None	None	Win7 P64 DG Win8 10/01/13
10B7001XUS	3x4	G3220	4GBx1	1TB 7200	DVD±RW	None	None	Intel HD	None	Serial	Stand	None	None	Win7 P64 DG Win8 10/01/13
10B7004XUS	3x4	i5-4570	4GBx1	500G 7200	DVD±RW	None	None	HD 7450	None	None	Stand	None	None	Win7 P64 DG Win8.1 02/04/14

Positioning Processor	<i>Essential business features, exceptional value</i> Intel® Pentium® G3220 Processor (2 cores / 2 threads, 3.0GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit		
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)		
Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3 , two 240-pin DIMM sockets											<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 		
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) <i>Some:</i> NVIDIA® Geforce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express® 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution:</i> 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz <i>Some:</i> AMD Radeon™ HD 7450 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; <i>Max resolution:</i> 2560x1600 (DisplayPort, DVI-I)@60Hz											Preloaded applications (only some listed)		
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide											<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Power Manager View Management Utility PC Device Stage Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Evernote® Microsoft® Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Nitro Pro 		
Optical	<i>Some:</i> Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive													
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset													
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar													
eSATA port	None													
Media reader	Optional 9-in-1 media reader, internal USB 2.0													
Chipset	Intel H81 Express Chipset													
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DisplayPort													
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)													
Audio	High Definition (HD) Audio, Realtek® ALC662 codec													
PCIe WLAN ⁴	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2													
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter													
Speaker	Internal speaker for business audio (1 watt)													
IEEE 1394	None													
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®													
Manageability	None													
Modem	None													
Security chip	None											Security		
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo											<ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s) 		
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Floor Stand	Optional system floor stand for vertical orientation													
Power supply	<i>Some:</i> 240 watts, autosensing, active PFC													
Machine	<ul style="list-style-type: none"> Business black color; metal case 13.2" W X 15.0" D X 3.9" H 335mm W X 382mm D X 101mm H 14.6 lb (6.6 kg) in maximum configuration Highlighted optical drive button for easy access 													
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 2.5", N/A, no access, opt 2nd SSD* Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with HDD/SSD/reader installed													
Slot	Slot 1: Low Profile, PCIe 2.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x1											Security <ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s) 		
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet		

See footnotes for important warranty information
US model(s) announced October 1, 2013 or February 4, 2014

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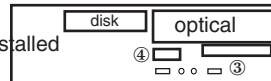
ThinkCentre M73 Small (10B4) - ES 6.0

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis Intrusion switch	2nd Serial / Parallel	Floor stand	ENERGY STAR 6.0 Global	Preload	Ann date (mm/yy)
10B4000XUS	3x4	i7-4770	8GBx1	500G Hybrid	DVD±RW	N2230	None	GT 620	None	S P	Stand	ES6.0	None	Win7 Pro64 (DG) 10/13
10B40030US	3x4	i5-4590	4GBx1	1TB 7200	DVD±RW	8723BE	None	GT 620	Switch	S P	None	ES6.0	G	Win7 P64 DG Win10 09/15

●3-year limited warranty

Positioning	<i>Essential business features, exceptional value</i>											Preloaded operating system
Processor	Intel® Core™ i3-4150T Processor (2 cores / 4 threads, 3.0GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Ready to install applications (only some listed)
Implementation	Processor in LGA1150 socket											<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager
Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3 , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller											Preloaded applications (only some listed)
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i> <i>Some: NVIDIA® GeForce® GT 620, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i>											<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Power Manager View Management Utility PC Device Stage Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Evernote® Microsoft® Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Nitro Pro
Disk	<i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide											Security <ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s)
Optical	<i>Some:</i> Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive											
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset											
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar											
eSATA port	None											
Media reader	Optional 9-in-1 media reader, internal USB 2.0											
Chipset	Intel H81 Express Chipset											
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DisplayPort											
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)											
Audio	High Definition (HD) Audio, Realtek® ALC662 codec											
PCIe WLAN ⁴	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2											
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											
Speaker	Internal speaker for business audio (1 watt)											
IEEE 1394	None											
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®											
Manageability	None											
Modem	None											
Security chip	None											
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	Optional system floor stand for vertical orientation											
Power supply	<i>Some:</i> 240 watts, autosensing, active PFC, 85% PSU											
Machine	<ul style="list-style-type: none"> Business black color; metal case 13.2" W X 15.0" D X 3.9" H 335mm W X 382mm D X 101mm H 14.6 lb (6.6 kg) in maximum configuration Highlighted optical drive button for easy access 											
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 2.5", N/A, no access, opt 2nd SSD* Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with HDD/SSD/reader installed											
Slot	Slot 1: Low Profile, PCIe 2.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x1											
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet



See footnotes for important warranty information
US model(s) announced October 1, 2013

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ThinkCentre M73 Small (10B4) - ES 6.0 - II

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis Intrusion switch	2nd Serial / Parallel	Floor stand	ENERGY STAR 6.0 Global	Preload	Ann date (mm/yy)
10B4002WUS	3x4	i3-4150	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	S P	Stand	ES6.0 None	Win10 Home64	09/15
10B4002XUS	3x4	i5-4590	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	S P	Stand	ES6.0 None	Win10 Home64	09/15

●3-year limited warranty

Positioning Processor	<i>Essential business features, exceptional value</i> Intel® Core™ i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Preloaded operating system Windows® 10 Pro 64-bit			
Implementation												Preloaded applications (only some listed)			
Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3 , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller											<ul style="list-style-type: none"> ● Lenovo Companion ● Lenovo Solution Center ● Lenovo SHAREit ● Lenovo REACHit ● Desktop Power Manager ● PC Device Stage ● Microsoft® Office preloaded; purchase a product key to activate ● McAfee® LiveSafe™ (30-day trial) ● Cyberlink Power2Go (DVD±RW, DVD) ● Power2Go Create (DVD±RW) 			
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i> <i>Some: NVIDIA® GeForce® GT 620, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i>														
Disk	<i>Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</i>														
Optical	<i>Some: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive</i>														
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset														
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar														
eSATA port	None														
Media reader	Optional 9-in-1 media reader, internal USB 2.0														
Chipset	Intel H81 Express Chipset														
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DisplayPort														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
PCIe WLAN [†]	<i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2</i>														
Bluetooth	<i>Some: Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter</i>														
Speaker	Internal speaker for business audio (1 watt)														
IEEE 1394	None														
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN [®]														
Manageability	None											Security			
Modem	None											<ul style="list-style-type: none"> ● One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Serial port I/O control ● Individual USB port disablement ● Chassis intrusion switch on selected model(s) 			
Security chip	None											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant			
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo											Supports ThinkVantage Technologies			
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											For compatible accessories, please go to TC-AQP sheet;			
Floor Stand	Optional system floor stand for vertical orientation											For Lenovo service upgrade options, please go to S-TC sheet			
Power supply	<i>Some: 240 watts, autosensing, active PFC, 85% PSU</i>														
Machine	<ul style="list-style-type: none"> ● Business black color; metal case ● 13.2" W X 15.0" D X 3.9" H ● 335mm W X 382mm D X 101mm H ● 14.6 lb (6.6 kg) in maximum configuration ● Highlighted optical drive button for easy access 														
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 2.5", N/A, no access, opt 2nd SSD* Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with HDD/SSD/reader installed														
Slot	Slot 1: Low Profile, PCIe 2.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x1														
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available														

See footnotes for important warranty information
US model(s) announced October 1, 2013

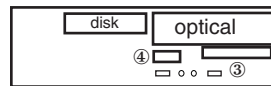
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ThinkCentre M73 Small (10B4) - ES 6.0 (OID)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory	SATA disk GB rpm	SATA optical	PCle WLAN	Media reader	Graphics	Chassis Intrusion switch	2nd Serial / Parallel	Floor stand	ENERGY STAR 6.0	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10B4001FUS	3x4	G3420	2GBx1	500G 7200 DVD	None	None	None	Intel HD	None	None	None	ES6.0	G O	Win7 Pro64	10/01/13
10B4001GUS	3x4	i3-4130	4GBx1	500G 7200 DVD±RW	None	None	None	HD 4400	None	None	Stand	ES6.0	G O	Win7 Pro64 (DG)	10/01/13
10B4001HUS	3x4	i5-4570	4GBx1	1TB 7200 DVD±RW	N105	Media	None	HD 8470	Switch	None	None	ES6.0	G O	Win7 Pro64 (DG)	10/01/13
10B40020US	3x4	i3-4130	4GBx1	500G 7200 DVD±RW	None	None	None	HD 4400	None	None	Stand	ES6.0	G O	Win7 HP64	02/04/14
10B4002LUS	3x4	G3440	2GBx1	500G 7200 DVD	None	None	None	Intel HD	None	None	None	ES6.0	G O	Win7 Pro64	06/24/14
10B4002MUS	3x4	i3-4150	4GBx1	500G 7200 DVD±RW	None	None	None	HD 4400	None	None	Stand	ES6.0	G O	Win7 P64 DG Win8.1	07/08/14
10B4002NUS	3x4	i5-4590	4GBx1	1TB 7200 DVD±RW	8723BE	None	None	GT 620	Switch	None	None	ES6.0	G O	Win7 P64 DG Win8.1	07/08/14
10B40031US	3x4	i3-4150	4GBx1	500G 7200 DVD±RW	None	None	None	HD 4400	Switch	S P	None	ES6.0	G O	Win7 P64 DG Win10	09/22/15

Positioning	<i>Essential business features, exceptional value</i>
Processor	<p>Intel® Pentium® G3420 Processor (2 cores / 2 threads, 3.2GHz, 3MB cache), Intel HD Graphics, 1600MHz DDR3 memory controller</p> <p>Intel® Pentium G3440 Processor (2 cores / 2 threads, 3.3GHz, 3MB cache), Intel HD Graphics, 1600MHz DDR3 memory controller</p> <p>Intel Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller</p> <p>Intel® Core™ i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller</p> <p>Intel Core i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p> <p>Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p>
Implementation	Processor in LGA1150 socket
Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3 , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller
Graphics	<p>Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i></p> <p><i>Some: AMD Radeon™ HD 8470, DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express® 2.0 x16 adapter, one VGA, one DisplayPort, 25 watts, Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i></p> <p><i>Some: NVIDIA® GeForce® GT 620, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i></p>
Disk	<i>Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm</i>
Optical	<i>Some: DVD-ROM DL SATA 1.5Gb/s Drive</i> <i>Some: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive</i>
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar
eSATA port	None
Media reader	Optional 9-in-1 media reader, internal USB 2.0
Chipset	Intel H81 Express Chipset
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DisplayPort
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)
Audio	High Definition (HD) Audio, Realtek® ALC662 codec
PCle WLAN ⁴	<i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1</i> <i>Some: 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi/BT 4.0, 1x1</i> <i>Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter</i>
Bluetooth	None
Speaker	Internal speaker for business audio (1 watt)
IEEE 1394	None
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN ⁵
Manageability	None
Modem	None
Security chip	None
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo
Floor Stand	Optional system floor stand for vertical orientation
Power supply	<i>Some: 240 watts, autosensing, active PFC, 85% PSU</i>
Machine	<ul style="list-style-type: none"> Business black color; metal case 13.2" W X 15.0" D X 3.9" H 335mm W X 382mm D X 101mm H 14.6 lb (6.6 kg) in maximum configuration Highlighted optical drive button for easy access
Bay	<p>Bay 1: 5.25", 1.6" high, access, std optical</p> <p>Bay 2: 3.5", 1" high, no access, std disk</p> <p>Bay 3: 2.5", N/A, no access, opt 2nd SSD*</p> <p>Bay 4: 1.5", .35" high, access, opt reader*</p> <p>*bay only available on models with HDD/SSD/reader installed</p>
Slot	<p>Slot 1: Low Profile, PCIe 2.0 x16 (40w max)</p> <p>Slot 2: Low Profile, PCIe 2.0 x1</p> <p>Slot 3: Low Profile, PCIe 2.0 x1</p>
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available



Preloaded operating system	<p><i>Some: Windows® 7 Home Premium 64</i></p> <p><i>Some: Windows 7 Professional 64</i></p> <p><i>Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit</i></p> <p><i>Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit</i></p> <p><i>Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit</i></p>
Ready to install applications (only some listed)	<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager
Preloaded applications (only some listed)	<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Power Manager View Management Utility PC Device Stage Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Evernote® Microsoft® Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Nitro Pro
Security	<ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s)
	<p>EPEAT™ Gold rating</p> <p>ENERGY STAR® 6.0-compliant</p> <p>Cisco EnergyWise compatible</p> <p>GREENGUARD® certified</p> <p>RoHS-compliant</p>
	Supports ThinkVantage Technologies
	For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

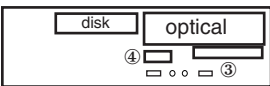
See footnotes for important warranty information

ThinkCentre M73 Small (10B4) - ES 6.0 (OID) - II

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory	SATA disk GB rpm	SATA optical	PCle WLAN	Media reader	Graphics	Chassis Intrusion switch	2nd Serial / Parallel	Floor stand	ENERGY STAR 6.0	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10B4002YUS	3x4	G3440	2GBx1	500G 7200	DVD±RW	None	None	Intel HD	Switch	S P	None	ES6.0	G O	Win10 Pro64	09/22/15

● Onsite International Delivery (OID)

Positioning	<i>Essential business features, exceptional value</i>											Preloaded operating system
Processor	Intel® Pentium® G3420 Processor (2 cores / 2 threads, 3.2GHz, 3MB cache), Intel HD Graphics, 1600MHz DDR3 memory controller Intel® Pentium G3440 Processor (2 cores / 2 threads, 3.3GHz, 3MB cache), Intel HD Graphics, 1600MHz DDR3 memory controller Intel Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel® Core™ i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller											Windows® 10 Pro 64-bit Preloaded applications (only some listed) <ul style="list-style-type: none"> ● Lenovo Companion ● Lenovo Solution Center ● Lenovo SHAREit ● Lenovo REACHit ● Desktop Power Manager ● PC Device Stage ● Microsoft® Office preloaded; purchase a product key to activate ● McAfee® LiveSafe™ (30-day trial) ● Cyberlink PowerDVD (DVD±RW, DVD) ● PowerDVD Create (DVD±RW)
Implementation	Processor in LGA1150 socket											
Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3 , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller											
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i> Some: AMD Radeon™ HD 8470 , DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express® 2.0 x16 adapter, one VGA, one DisplayPort, 25 watts, <i>Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i> Some: NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i>											
Disk	Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm											
Optical	Some: DVD-ROM DL SATA 1.5Gb/s Drive Some: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive											
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset											
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar											
eSATA port	None											
Media reader	Optional 9-in-1 media reader, internal USB 2.0											
Chipset	Intel H81 Express Chipset											
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DisplayPort											
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)											
Audio	High Definition (HD) Audio, Realtek® ALC662 codec											
PCle WLAN ⁴	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 Some: 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi/BT 4.0, 1x1 Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter											
Bluetooth	Internal speaker for business audio (1 watt)											
Speaker	None											
IEEE 1394	None											
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®											
Manageability	None											
Modem	None											
Security chip	None											Security
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo											<ul style="list-style-type: none"> ● One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Serial port I/O control ● Individual USB port disablement ● Chassis intrusion switch on selected model(s)
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	Optional system floor stand for vertical orientation											
Power supply	Some: 240 watts, autosensing, active PFC, 85% PSU											
Machine	<ul style="list-style-type: none"> ● Business black color; metal case ● 13.2" W X 15.0" D X 3.9" H ● 335mm W X 382mm D X 101mm H ● 14.6 lb (6.6 kg) in maximum configuration ● Highlighted optical drive button for easy access 											
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 2.5", N/A, no access, opt 2nd SSD* Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with HDD/SSD/reader installed											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant
Slot	Slot 1: Low Profile, PCIe 2.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x1											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											

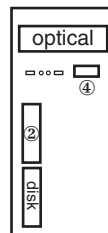
See footnotes for important warranty information

ThinkCentre M73 Mini Tower (10B3)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis intrusion switch	2nd Serial / Parallel	ENERGY STAR 6.0 Global	Preload	Ann date (mm/dd/yy)
10B3000CUS	3x4	i5-4570	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	None	Win7 P64 DG Win8	10/01/13
10B3000DUS	3x4	i7-4770	8GBx1	500G Hybrid	DVD±RW	None	None	GT 620	None	None	None	Win7 P64 DG Win8	10/01/13
10B3000RUS	3x4	i3-4130	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	None	Win7 P64 DG Win8	10/01/13
10B3000SUS	3x4	i3-4130	4GBx1	500G Hybrid	DVD±RW	None	None	HD 4400	None	Serial	None	Win7 P64 DG Win8	10/01/13
10B3000TUS	3x4	i3-4130	4GBx1	1TB 7200	DVD±RW	None	None	HD 4400	None	Serial	None	Win7 P64 DG Win8	10/01/13
10B3000VUS	3x4	G3220	4GBx1	1TB 7200	DVD±RW	None	None	Intel HD	None	Serial	None	Win7 P64 DG Win8	10/01/13
10B3000WUS	3x4	G3220	4GBx1	500G Hybrid	DVD±RW	None	None	Intel HD	None	None	None	Win7 P64 DG Win8	10/01/13
10B3000XUS	3x4	G3220	4GBx1	500G 7200	DVD±RW	None	None	Intel HD	None	None	None	Win7 P64 DG Win8	10/01/13
10B3002BUS	3x4	i3-4130	4GBx1	500G 7200	DVD±RW	None	None	HD 7450	None	None	None	Win7 P64 DG Win8.1	02/04/14
10B3002CUS	3x4	i5-4570	4GBx1	500G 7200	DVD±RW	None	None	HD 7450	None	None	None	Win7 P64 DG Win8.1	02/04/14

Positioning Processor	<i>Essential business features, exceptional value</i> Intel® Pentium® G3220 Processor (2 cores / 2 threads, 3.0GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller	Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit Ready to install applications (only some listed) <ul style="list-style-type: none"> Rescue and Recovery™ Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Power Manager View Management Utility PC Device Stage Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Evernote® Microsoft® Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Nitro Pro
Implementation	Processor in LGA1150 socket	
Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3 , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller	
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) <i>Some:</i> NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express® 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution:</i> 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz <i>Some:</i> AMD Radeon™ HD 7450 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; <i>Max resolution:</i> 2560x1600 (DisplayPort, DVI-I)@60Hz	
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide	
Optical	<i>Some:</i> Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset	
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar	
eSATA port	None	
Media reader	Optional 9-in-1 media reader, internal USB 2.0	
Chipset	Intel H81 Express Chipset	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DisplayPort	
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)	
Audio	High Definition (HD) Audio, Realtek® ALC662 codec	
PCIe WLAN ⁴	None	
Bluetooth	None	
Speaker	Internal speaker for business audio (1.5 watt)	
IEEE 1394	None	
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®	
Manageability	None	
Modem	None	
Security chip	None	
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Power supply	<i>Some:</i> 280 watts, autosensing, active PFC	
Mechanical	<ul style="list-style-type: none"> Business black color; metal case 6.3" W X 16.6" D X 15.3" H (with handle) 160mm W X 422mm D X 388mm H 20.7 lb (9.4 kg) in maximum configuration Handle on top front Highlighted optical drive button for easy access 	
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, opt disk* Bay 3: 3.5", 1" high, no access, std disk Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with HDD/SSD/reader installed	
Slot	Slot 1: half-length, full-height, PCIe 2.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x1	
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	

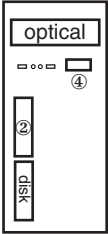


See footnotes for important warranty information
US model(s) announced October 1, 2013 or February 4, 2014

ThinkCentre M73 Mini Tower (10B1) - ES 6.0 (OID)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis Intrusion switch	2nd Serial / Parallel	ES 6.0	Internal Speaker	Global (G) OID (O)	Preload	Ann date (mm/yy)
10B10011US	3x4	G3420	2GBx1	500G 7200	DVD	None	None	Intel HD	None	None	ES6.0	Speaker	G O	Win7 Pro64	10/13
10B10012US	3x4	i3-4130	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	ES6.0	Speaker	G O	Win7 Pro64 (DG)	10/13
10B10017US	3x4	i5-4570	4GBx1	1TB 7200	DVD±RW	N105	Media	HD 8470	Switch	None	ES6.0	Speaker	G O	Win7 Pro64 (DG)	10/13
10B1001KUS	3x4	i3-4130	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	ES6.0	Speaker	G O	Win7 Pro64	02/14
10B10029US	3x4	i3-4150	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	ES6.0	Speaker	G O	Win7 P64 DG Win8.1	07/14
10B1002AUS	3x4	i5-4590	4GBx1	1TB 7200	DVD±RW	8723BE	None	GT 620	Switch	None	ES6.0	Speaker	G O	Win7 P64 DG Win8.1	07/14
10B1002VUS	3x4	i5-4590	4GBx1	1TB 7200	DVD±RW	None	None	GT 620	Switch	None	ES6.0	Speaker	G O	Win7 P64 DG Win10	09/15
10B1002WUS	3x4	i3-4150	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	ES6.0	None	G O	Win7 P64 DG Win10	09/15

Positioning Processor	<i>Essential business features, exceptional value</i> Intel® Pentium® G3420 Processor (2 cores / 2 threads, 3.2GHz, 3MB cache), Intel HD Graphics, 1600MHz DDR3 memory controller Intel Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket	Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Implementation Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3 , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller	Ready to install applications (only some listed) ● Rescue and Recovery™ ● Password Manager
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) <i>Some:</i> AMD Radeon™ HD 8470 , DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express® 2.0 x16 adapter, one VGA, one DisplayPort, 25 watts, <i>Max resolution:</i> 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz <i>Some:</i> NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution:</i> 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz	Preloaded applications (only some listed) ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Power Manager ● View Management Utility ● PC Device Stage ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Evernote® ● Microsoft® Office preloaded; purchase a product key to activate ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Nitro Pro
Disk Optical	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> DVD-ROM DL SATA 1.5Gb/s Drive <i>Some:</i> Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA controller Onboard SATA	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar	
eSATA port	None	
Media reader	Optional 9-in-1 media reader, internal USB 2.0	
Chipset	Intel H81 Express Chipset	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DisplayPort	
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)	
Audio	High Definition (HD) Audio, Realtek® ALC662 codec	
PCIe WLAN ⁴	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi/BT 4.0, 1x1 <i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
Bluetooth	Optional internal speaker for business audio (1.5 watt)	
Speaker	None	
IEEE 1394	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®	
Ethernet	None	
Manageability	None	
Modem	None	
Security chip	None	Security ● One lock to secure both cover and entire system to fixed object: -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Serial port I/O control ● Individual USB port disablement ● Chassis intrusion switch on selected model(s)
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Power supply	<i>Some:</i> 280 watts, autosensing, active PFC, 85% PSU	
Mechanical	● Business black color; metal case ● 6.3" W X 16.6" D X 15.3" H (with handle) ● 160mm W X 422mm D X 388mm H ● 20.7 lb (9.4 kg) in maximum configuration ● Handle on top front ● Highlighted optical drive button for easy access	
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, opt disk* Bay 3: 3.5", 1" high, no access, std disk Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with HDD/SSD/reader installed	
Slot	Slot 1: half-length, full-height, PCIe 2.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x1	EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information

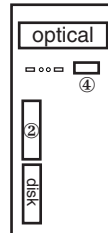
ThinkCentre M73 Mini Tower (10B1) - ES 6.0 (OID) - Win 10

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis Intrusion switch	2nd Serial / Parallel	ENERGY STAR 6.0 Global	Preload	Ann date (mm/dd/yy)
10B1002UUS	3x4	G3440	2GBx1	500G 7200	DVD±RW	None	None	Intel HD	Switch	None	ES6.0 G O	Win10 Pro64	09/22/15

- 3-year limited warranty
- Onsite International Delivery (OID)

Positioning	<i>Essential business features, exceptional value</i>										
Processor	Intel® Pentium® G3440 Processor (2 cores / 2 threads, 3.3GHz, 3MB cache), Intel HD Graphics, 1600MHz DDR3 memory controller										
Implementation	Processor in LGA1150 socket										
Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3 , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller										
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) Some: NVIDIA® GeForce® GT 620, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz										
Disk	Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide										
Optical	Some: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive										
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset										
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar										
eSATA port	None										
Media reader	Optional 9-in-1 media reader, internal USB 2.0										
Chipset	Intel H81 Express Chipset										
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)										
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DisplayPort										
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)										
Audio	High Definition (HD) Audio, Realtek® ALC662 codec										
PCIe WLAN ⁴	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2										
Bluetooth	Some: Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter										
Speaker	Internal speaker for business audio (1.5 watt)										
IEEE 1394	None										
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®										
Manageability	None										
Modem	None										
Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Power supply	Some: 280 watts, autosensing, active PFC, 85% PSU										
Mechanical	<ul style="list-style-type: none"> ● Business black color; metal case ● 6.3" W X 16.6" D X 15.3" H (with handle) ● 160mm W X 422mm D X 388mm H ● 20.7 lb (9.4 kg) in maximum configuration ● Handle on top front ● Highlighted optical drive button for easy access 										
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, opt disk* Bay 3: 3.5", 1" high, no access, std disk Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with HDD/SSD/reader installed										
Slot	Slot 1: half-length, full-height, PCIe 2.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x1										
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										
	Preloaded operating system Some: Windows® 10 Pro 64-bit Some: Windows® 10 Home 64-bit										
	Preloaded applications (only some listed) <ul style="list-style-type: none"> ● Lenovo Companion ● Lenovo Solution Center ● Lenovo SHAREit ● Lenovo REACHit ● Desktop Power Manager ● PC Device Stage ● Microsoft® Office preloaded; purchase a product key to activate ● McAfee® LiveSafe™ (30-day trial) ● Cyberlink PowerDVD (DVD±RW, DVD) ● PowerDVD Create (DVD±RW) 										
	Security <ul style="list-style-type: none"> ● One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Serial port I/O control ● Individual USB port disablement ● Chassis intrusion switch on selected model(s) 										
	EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant										
	Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet										



See footnotes for important warranty information

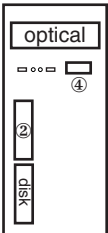
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ThinkCentre M73 Mini Tower (10B1) - ES 6.0 (Win 10)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis Intrusion switch	2nd Serial / Parallel	ENERGY STAR 6.0 Global	Preload	Ann date (mm/dd/yy)	
10B1002PUS	3x4	i3-4150	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	ES6.0	None	Win10 Pro64	08/18/15
10B1002NUS	3x4	i5-4590	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	ES6.0	None	Win10 Pro64	08/18/15
10B1002SUS	3x4	i3-4150	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	ES6.0	None	Win10 Home64	09/22/15
10B1002TUS	3x4	i5-4590	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	ES6.0	None	Win10 Home64	09/22/15

●3-year limited warranty

Positioning	<i>Essential business features, exceptional value</i>										Preloaded operating system		
Processor	Intel Core™ i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket										Some: Windows® 10 Pro 64-bit Some: Windows® 10 Home 64-bit		
Implementation											Preloaded applications (only some listed)		
Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3 , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller										<ul style="list-style-type: none"> Lenovo Companion Lenovo Solution Center Lenovo SHAREit Lenovo REACHit Desktop Power Manager PC Device Stage Microsoft® Office preloaded; purchase a product key to activate McAfee® LiveSafe™ (30-day trial) Cyberlink PowerDVD (DVD±RW, DVD) PowerDVD Create (DVD±RW) 		
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) Some: NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz												
Disk	Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide												
Optical	Some: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive												
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset												
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar												
eSATA port	None												
Media reader	Optional 9-in-1 media reader, internal USB 2.0												
Chipset	Intel H81 Express Chipset												
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)												
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DisplayPort												
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)												
Audio	High Definition (HD) Audio, Realtek® ALC662 codec												
PCIe WLAN ⁴	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2												
Bluetooth	Some: Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter												
Speaker	Internal speaker for business audio (1.5 watt)												
IEEE 1394	None												
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN ⁵												
Manageability	None										Security		
Modem	None										<ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s) 		
Security chip	None												
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo												
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo												
Power supply	Some: 280 watts, autosensing, active PFC, 85% PSU												
Mechanical	<ul style="list-style-type: none"> Business black color; metal case 6.3" W X 16.6" D X 15.3" H (with handle) 160mm W X 422mm D X 388mm H 20.7 lb (9.4 kg) in maximum configuration Handle on top front Highlighted optical drive button for easy access 												
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, opt disk* Bay 3: 3.5", 1" high, no access, std disk Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with HDD/SSD/reader installed												
Slot	Slot 1: half-length, full-height, PCIe 2.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x1										EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant		
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet		

See footnotes for important warranty information

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ThinkCentre M700 Tiny with optional floor stand, wireless Keyboard/mouse, and monitor



ThinkCentre M700 Tiny with optional floor stand



ThinkCentre M700 Tiny with optional VESA mount kit



ThinkCentre M700 Tiny with optional serial port



ThinkCentre M700 Tiny with optional I/O box



ThinkCentre M700 Tiny with TIO

ThinkCentre M700 Tiny Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Keyboard	Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector) Some: Ultrasmil Plus Wireless Keyboard (2.4GHz via USB receiver), black Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultrasmil Plus Wireless Mouse (2.4GHz via USB receiver), black																																																						
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Pentium G4400T</td> <td>2 / 2</td> <td>2.9 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4500T</td> <td>2 / 2</td> <td>3.0 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6100T</td> <td>2 / 4</td> <td>3.2 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6300T</td> <td>2 / 4</td> <td>3.3 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6400T</td> <td>4 / 4</td> <td>2.2 G / 2.8 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6500T</td> <td>4 / 4</td> <td>2.5 G / 3.1 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6600T</td> <td>4 / 4</td> <td>2.7 G / 3.5 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i7-6700T</td> <td>4 / 8</td> <td>2.8 G / 3.6 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510	Pentium G4500T	2 / 2	3.0 G	3 MB	DDR4-2133	HD 530	Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530	Core i3-6300T	2 / 4	3.3 G	4 MB	DDR4-2133	HD 530	Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530	Core i5-6500T	4 / 4	2.5 G / 3.1 G	6 MB	DDR4-2133	HD 530	Core i5-6600T	4 / 4	2.7 G / 3.5 G	6 MB	DDR4-2133	HD 530	Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530	Mouse	
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics																																																				
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Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530																																																				
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable	Mechanical	Tiny (1L), black color; metal case M700 Tiny only: 7.05" W X 7.20" D X 1.36" H 179mm W X 182.9mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration With VESA mount & ODD box: 7.42" W X 7.30" D X 2.48" H 188.4mm W X 185.38mm D X 63mm H 4.12 lb (1.87 kg), weight may vary by configuration With VESA mount & I/O box: 7.42" W X 7.30" D X 2.62" H 188.4mm W X 185.38mm D X 66.6mm H 3.53 lb (1.6 kg), weight may vary by configuration Optional VESA mount bracket kit, supports VESA 75mm and 100mm Optional system floor stand for vertical orientation																																																						
Disk	Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: M.2 Solid State Drive (SSD) / SATA interface	VESA mount																																																							
Optical	Some: external ODD box with DVD-ROM, 9.5mm high, via USB Some: external ODD box with DVD±RW, 9.5mm high, via USB Some: external ODD box (for TIO) with DVD-ROM, 9.5mm high, via USB Some: external ODD box (for TIO) with DVD±RW, 9.5mm high, via USB	Floor Stand																																																							
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar	Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models) 90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)																																																						
Media reader	None	Limited warranty ³	Some: 1-year or 3-year, depot service / service upgrades available Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>																																																						
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional HDMI, VGA, or 3rd DP, up to 3 independent displays; Max resolution: 4096x2304 (DP) @60Hz; 4096x2160 (HDMI) @24Hz; 1920x1200 (VGA) @60Hz	Preload	Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 32/64 Some: Windows 10 Pro 64-bit Preloaded applications (only some listed) <ul style="list-style-type: none"> Desktop Power Manager Lenovo Solution Center Lenovo REACHit Lenovo SHAREit Lenovo Bluetooth Lock (for models with Wi-Fi/BT card) McAfee® LiveSafe™ (30-day trial) Microsoft Office preloaded; purchase a product key to activate PowerDVD Create (DVD±RW) Lenovo ThinkVantage Tools Intel Unite (vPro models only) 																																																						
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Some: Windows® Embedded Standard 7 (WES 7) Some: LeTOS (Lenovo Terminal Operating System, Linux-based)	Preloaded applications (only some listed) <ul style="list-style-type: none"> - WES 7 only: • RDP Client (RDP 8.1 support) • Citrix Client • VMware Client • Internet Explorer 11 • Java • Flash • .Net Framework • Microsoft® Silverlight • Echo Agent (client for LTM, Lenovo Thin Client Manager) • Adobe Reader • UltraVNC - LeTOS only: • xFreeRDP • Citrix ICA Client • VMware View Client • Java • Mozilla Firefox 																																																						
Chipset	Intel B150 Chipset	Audio support	High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)																																																						
Front ports	Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	WLAN ¹³	Some: 11ac wireless, M.2 Card, Realtek RTL8821AE (dual band), Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1 Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2																																																						
Rear ports	Four USB 3.0 (optional external optical box or external I/O box occupies one or two specific USB 3.0 on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, HDMI, or serial on some models), one headphone	Bluetooth™	Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter																																																						
I/O box	Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M700 Tiny)	Ethernet	Gigabit ethernet, Intel Ethernet Connection I219-LV (Jacksonville), Wake on LAN®																																																						
Audio support	High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)	Modem	None																																																						
Manageability	None	Security chip	Trusted Platform Module, TCG 1.2-compliant																																																						
Security features	<ul style="list-style-type: none"> • Security slot (in rear for optional Kensington® MicroSaver® cable) • Padlock loop • Smart USB protection, allows keyboard/mouse only, blocks all storage devices • Power-on password 	Security features	<ul style="list-style-type: none"> • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch 																																																						
Environment	ENERGY STAR® 6.0*, EPEAT™ Gold rating* (*for Windows models only); ErP Lot 3; GREENGUARD®; RoHS-compliant	Accessories	For compatible accessories, please go to TC-AQP sheet																																																						

See footnotes for more detailed information

ThinkCentre M700 Tiny (10HY) - TopSeller

Product Specifications Reference (PSREF)

Model	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	DP Dongle	Chassis Intrusion Switch	Floor Stand	VESA Mount	Key-board/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Dust Filter	Adapter Cage	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10HY0004US	i5-6400T	4GBx1	HD 530	120GB SSD	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY0005US	i5-6400T	4GBx1	HD 530	180GB SSD opal	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY0006US	i5-6500T	4GBx1	HD 530	120GB SSD	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY0007US	i5-6500T	4GBx1	HD 530	500GB 7200	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY0008US	i5-6400T	4GBx1	HD 530	500GB 7200	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY0009US	i5-6400T	4GBx1	HD 530	500GB 7200	DVD±RW	8260 ac	None	None	Switch	None	Mount	USB	Speaker 65W	None	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY000AUS	i7-6700T	8GBx1	HD 530	500GB 7200	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY000BUS	i7-6700T	8GBx1	HD 530	120GB SSD	DVD±RW	8260 ac	None	None	Switch	None	Mount	USB	Speaker 65W	None	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY000CUS	i7-6700T	8GBx1	HD 530	120GB SSD	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY000DUS	i5-6400T	4GBx1	HD 530	500GB 7200	DVD±RW	8260 ac	None	None	Switch	None	Mount	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY000EUS	i7-6700T	8GBx1	HD 530	120GB SSD	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY000FUS	i7-6700T	8GBx1	HD 530	120GB SSD	DVD±RW	8260 ac	None	None	Switch	None	Mount	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY000GUS	i5-6400T	4GBx1	HD 530	500GB 7200	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY000HUS	i5-6500T	4GBx1	HD 530	120GB SSD	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16

• For detailed platform specifications, please see [ThinkCentre M700 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Pentium G4400T</td> <td>2 / 2</td> <td>2.9 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4500T</td> <td>2 / 2</td> <td>3.0 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6100T</td> <td>2 / 4</td> <td>3.2 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6300T</td> <td>2 / 4</td> <td>3.3 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6400T</td> <td>4 / 4</td> <td>2.2 G / 2.8 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6500T</td> <td>4 / 4</td> <td>2.5 G / 3.1 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6600T</td> <td>4 / 4</td> <td>2.7 G / 3.5 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i7-6700T</td> <td>4 / 8</td> <td>2.8 G / 3.6 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510	Pentium G4500T	2 / 2	3.0 G	3 MB	DDR4-2133	HD 530	Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530	Core i3-6300T	2 / 4	3.3 G	4 MB	DDR4-2133	HD 530	Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530	Core i5-6500T	4 / 4	2.5 G / 3.1 G	6 MB	DDR4-2133	HD 530	Core i5-6600T	4 / 4	2.7 G / 3.5 G	6 MB	DDR4-2133	HD 530	Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530	<p>Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2</p> <p>Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1</p> <p>Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2</p> <p>Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter</p> <p>Gigabit ethernet, Intel Ethernet Connection I219-LV (Jacksonville), Wake on LAN®</p> <p>None</p> <p>Manageability Security chip</p> <p>None</p> <p>Trusted Platform Module, TCG 1.2-compliant</p> <p>Security features</p> <ul style="list-style-type: none"> • Security slot (in rear for optional Kensington® MicroSaver® cable) • Padlock loop • Smart USB protection, allows keyboard/ mouse only, blocks all storage devices • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch
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Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable																																																								
Disk	<p>Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm</p> <p>Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</p> <p>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</p> <p>Some: M.2 Solid State Drive (SSD) / SATA interface</p>	Keyboard	<p>Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo</p> <p>Some: Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo</p> <p>Some: Lenovo USB Fingerprint Keyboard (USB connector)</p>																																																						
Optical	<p>Some: external ODD box with DVD-ROM or DVD±RW, 9.5mm, via USB</p> <p>Some: external ODD box (for TIO) with DVD-ROM or DVD±RW, 9.5mm, via USB</p> <p>One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar</p> <p>None</p>	Mouse	<p>Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black</p> <p>Some: Enhanced Optical USB Mouse, black, Lenovo logo</p> <p>Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black</p>																																																						
Onboard SATA Media reader	None	Mechanical	<p>Tiny (1L), black color; metal case</p> <p>M700 Tiny only:</p> <p>7.05" W X 7.20" D X 1.36" H (179mm W X 182.9mm D X 34.5mm H)</p> <p>2.9 lb (1.3 kg), weight may vary by configuration</p> <p>Optional VESA mount bracket kit, supports VESA 75mm and 100mm</p> <p>Optional system floor stand for vertical orientation</p>																																																						
Graphics	<p>Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional HDMI, VGA, or 3rd DP, up to 3 independent displays;</p> <p>Max resolution: 4096x2304 (DP) @60Hz; 4096x2160 (HDMI) @24Hz; 1920x1200 (VGA) @60Hz</p>	VESA mount Floor Stand	Optional VESA mount bracket kit, supports VESA 75mm and 100mm																																																						
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models) 90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)																																																						
Chipset	Intel B150 Chipset	Limited warranty ³	<p>Some: 1-year or 3-year, depot service / service upgrades available</p> <p>Some: 1-year or 3-year, limited onsite service / service upgrades available</p> <p>Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available</p> <p>For Lenovo service upgrade options, please go to S-TC sheet</p>																																																						
Front ports	Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	Preload	<p>Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit</p> <p>Some: Windows 7 Professional 32/64</p> <p>Some: Windows 10 Pro 64-bit</p> <p>Some: Windows 10 Home 64-bit</p> <p>Some: Windows® Embedded Standard 7 (WES 7)</p> <p>Some: LeTOS (Lenovo Terminal Operating System, Linux-based)</p>																																																						
Rear ports	Four USB 3.0 (optional external optical box or external I/O box occupies one or two specific USB 3.0 on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, HDMI, or serial on some models), one headphone																																																								
I/O box	Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M700 Tiny)																																																								
Audio support	High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)																																																								
WLAN ¹³	<p>Some: 11ac + BT 4.0, M.2 Card, Realtek RTL8821AE (dual band), 1x1</p> <p>Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1</p>																																																								

See footnotes for more detailed information

ThinkCentre M700 Tiny (10HY) - TopSeller - II

Product Specifications Reference (PSREF)

Model	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	DP Dongle	Chassis Intrusion Switch	Floor Stand	VESA Mount	Key-board/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Dust Filter	Adapter Cage	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10HY000JUS	i5-6400T	4GBx1	HD 530	120GB SSD	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker	65W	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY000KUS	i5-6500T	4GBx1	HD 530	500GB 7200	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker	65W	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY0013US	i7-6700T	8GBx1	HD 530	500GB 7200	None	8260 ac	VGA	None	Switch	Stand	None	USB	Speaker	65W	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY0014US	i7-6700T	8GBx1	HD 530	500GB 7200	None	8260 ac	HDMI	None	Switch	Stand	None	USB	Speaker	65W	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY0015US	i5-6400T	4GBx1	HD 530	500GB 7200	None	8260 ac	HDMI	None	Switch	Stand	None	USB	Speaker	65W	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY0016US	i5-6400T	4GBx1	HD 530	500GB 7200	None	8260 ac	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY0017US	i5-6400T	4GBx1	HD 530	500GB 7200	None	8260 ac	VGA	None	Switch	Stand	None	USB	Speaker	65W	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY0018US	i7-6700T	8GBx1	HD 530	500GB 7200	None	8260 ac	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY0019US	i5-6400T	4GBx1	HD 530	500GB 7200	None	8260 ac	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY001AUS	i7-6700T	8GBx1	HD 530	500GB 7200	None	8260 ac	HDMI	None	Switch	Stand	None	USB	Speaker	65W	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY001BUS	i7-6700T	8GBx1	HD 530	500GB 7200	None	8260 ac	VGA	None	Switch	Stand	None	USB	Speaker	65W	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY001CUS	i7-6700T	8GBx1	HD 530	128GB SSD	None	8260 ac	HDMI	None	Switch	Stand	None	USB	Speaker	65W	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY001DUS	i5-6400T	4GBx1	HD 530	500GB 7200	None	8260 ac	VGA	None	Switch	Stand	None	USB	Speaker	65W	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY001EUS	i7-6700T	8GBx1	HD 530	180GB SSD opal	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker	65W	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16

• For detailed platform specifications, please see [ThinkCentre M700 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Pentium G4400T</td> <td>2 / 2</td> <td>2.9 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4500T</td> <td>2 / 2</td> <td>3.0 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6100T</td> <td>2 / 4</td> <td>3.2 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6300T</td> <td>2 / 4</td> <td>3.3 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6400T</td> <td>4 / 4</td> <td>2.2 G / 2.8 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6500T</td> <td>4 / 4</td> <td>2.5 G / 3.1 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6600T</td> <td>4 / 4</td> <td>2.7 G / 3.5 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i7-6700T</td> <td>4 / 8</td> <td>2.8 G / 3.6 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510	Pentium G4500T	2 / 2	3.0 G	3 MB	DDR4-2133	HD 530	Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530	Core i3-6300T	2 / 4	3.3 G	4 MB	DDR4-2133	HD 530	Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530	Core i5-6500T	4 / 4	2.5 G / 3.1 G	6 MB	DDR4-2133	HD 530	Core i5-6600T	4 / 4	2.7 G / 3.5 G	6 MB	DDR4-2133	HD 530	Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530	<p>Bluetooth™</p> <p>Ethernet Modem</p> <p>Manageability Security chip</p> <p>Security features</p> <p>None</p> <p>Trusted Platform Module, TCG 1.2-compliant</p> <ul style="list-style-type: none"> Security slot (in rear for optional Kensington® MicroSaver® cable) Padlock loop Smart USB protection, allows keyboard/ mouse only, blocks all storage devices Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Chassis intrusion switch
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics																																																				
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Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530																																																				
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable																																																								
Disk	<p>Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm</p> <p>Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</p> <p>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</p> <p>Some: M.2 Solid State Drive (SSD) / SATA interface</p>	Keyboard	<p>Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo</p> <p>Some: Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo</p> <p>Some: Lenovo USB Fingerprint Keyboard (USB connector)</p>																																																						
Optical	<p>Some: external ODD box with DVD-ROM or DVD±RW, 9.5mm, via USB</p> <p>Some: external ODD box (for TIO) with DVD-ROM or DVD±RW, 9.5mm, via USB</p> <p>One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar</p> <p>None</p>	Mouse	<p>Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black</p> <p>Some: Enhanced Optical USB Mouse, black, Lenovo logo</p> <p>Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black</p>																																																						
Onboard SATA Media reader	None	Mechanical	<p>Tiny (1L), black color; metal case</p> <p>M700 Tiny only:</p> <p>7.05" W X 7.20" D X 1.36" H (179mm W X 182.9mm D X 34.5mm H)</p> <p>2.9 lb (1.3 kg), weight may vary by configuration</p>																																																						
Graphics	<p>Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional HDMI, VGA, or 3rd DP, up to 3 independent displays;</p> <p>Max resolution: 4096x2304 (DP) @60Hz; 4096x2160 (HDMI) @24Hz; 1920x1200 (VGA) @60Hz</p>	VESA mount Floor Stand	<p>Optional VESA mount bracket kit, supports VESA 75mm and 100mm</p> <p>Optional system floor stand for vertical orientation</p>																																																						
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Power supply	<p>65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)</p> <p>90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)</p>																																																						
Chipset	Intel B150 Chipset	Limited warranty ³	<p>Some: 1-year or 3-year, depot service / service upgrades available</p> <p>Some: 1-year or 3-year, limited onsite service / service upgrades available</p> <p>Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available</p> <p>For Lenovo service upgrade options, please go to S-TC sheet</p>																																																						
Front ports	Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	Preload	<p>Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit</p> <p>Some: Windows 7 Professional 32/64</p> <p>Some: Windows 10 Pro 64-bit</p> <p>Some: Windows 10 Home 64-bit</p> <p>Some: Windows® Embedded Standard 7 (WES 7)</p> <p>Some: LeTOS (Lenovo Terminal Operating System, Linux-based)</p>																																																						
Rear ports	Four USB 3.0 (optional external optical box or external I/O box occupies one or two specific USB 3.0 on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, HDMI, or serial on some models), one headphone																																																								
I/O box	Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M700 Tiny)																																																								
Audio support	High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)																																																								
WLAN ¹³	<p>Some: 11ac + BT 4.0, M.2 Card, Realtek RTL8821AE (dual band), 1x1</p> <p>Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1</p>																																																								

See footnotes for more detailed information

ThinkCentre M700 Tiny (10HY) - TopSeller - III

Product Specifications Reference (PSREF)

Model	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	DP Dongle	Chassis Intrusion Switch	Floor Stand	VESA Mount	Key-board/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Dust Filter	Adapter Cage	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10HY001FUS	i5-6400T	4GBx1	HD 530	180GB SSD opal	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY001GUS	i7-6700T	8GBx1	HD 530	500GB 7200	None	8260 ac	3rd DP	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY001HUS	i7-6700T	8GBx1	HD 530	128GB SSD	DVD±RW	8260 ac	HDMI	None	Switch	None	Mount	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY001JUS	i5-6400T	4GBx1	HD 530	500GB 7200	None	8260 ac	HDMI	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY001KUS	i7-6700T	8GBx1	HD 530	180GB SSD opal	None	8260 ac	3rd DP	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY001LUS	i7-6700T	8GBx1	HD 530	128GB SSD	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY001MUS	i5-6500T	4GBx1	HD 530	180GB SSD opal	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY001NUS	i5-6400T	4GBx1	HD 530	500GB 7200	DVD±RW	8260 ac	HDMI	None	Switch	None	Mount	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY001PUS	i5-6400T	4GBx1	HD 530	128GB SSD	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY001QUS	i5-6400T	8GBx1	HD 530	128GB SSD	None	8260 ac	None	None	Switch	None	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY001RUS	i5-6500T	8GBx1	HD 530	128GB SSD	None	8260 ac	None	None	Switch	None	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY001SUS	i3-6100T	4GBx1	HD 530	500GB 7200	None	3165 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY001TUS	i3-6100T	4GBx1	HD 530	128GB SSD	None	3165 ac	3rd DP	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY001UUS	i3-6100T	4GBx1	HD 530	500GB 7200	DVD±RW	3165 ac	3rd DP	None	Switch	None	Mount	USB	Speaker 65W	None	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16

• For detailed platform specifications, please see [ThinkCentre M700 Tiny Platform Specifications sheet](#)

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Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530																																																				
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable																																																								
Disk	<p>Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm</p> <p>Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</p> <p>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</p> <p>Some: M.2 Solid State Drive (SSD) / SATA interface</p>	Keyboard	<p>Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo</p> <p>Some: Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo</p> <p>Some: Lenovo USB Fingerprint Keyboard (USB connector)</p>																																																						
Optical	<p>Some: external ODD box with DVD-ROM or DVD±RW, 9.5mm, via USB</p> <p>Some: external ODD box (for TIO) with DVD-ROM or DVD±RW, 9.5mm, via USB</p> <p>One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar</p> <p>None</p>	Mouse	<p>Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black</p> <p>Some: Enhanced Optical USB Mouse, black, Lenovo logo</p> <p>Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black</p>																																																						
Onboard SATA Media reader	None	Mechanical	<p>Tiny (1L), black color; metal case</p> <p>M700 Tiny only:</p> <p>7.05" W X 7.20" D X 1.36" H (179mm W X 182.9mm D X 34.5mm H)</p> <p>2.9 lb (1.3 kg), weight may vary by configuration</p>																																																						
Graphics	<p>Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional HDMI, VGA, or 3rd DP, up to 3 independent displays;</p> <p>Max resolution: 4096x2304 (DP) @60Hz; 4096x2160 (HDMI) @24Hz; 1920x1200 (VGA) @60Hz</p>	VESA mount Floor Stand	<p>Optional VESA mount bracket kit, supports VESA 75mm and 100mm</p> <p>Optional system floor stand for vertical orientation</p>																																																						
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Power supply	<p>65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)</p> <p>90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)</p>																																																						
Chipset	Intel B150 Chipset	Limited warranty ³	<p>Some: 1-year or 3-year, depot service / service upgrades available</p> <p>Some: 1-year or 3-year, limited onsite service / service upgrades available</p> <p>Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available</p> <p>For Lenovo service upgrade options, please go to S-TC sheet</p>																																																						
Front ports	Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	Preload	<p>Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit</p> <p>Some: Windows 7 Professional 32/64</p> <p>Some: Windows 10 Pro 64-bit</p> <p>Some: Windows 10 Home 64-bit</p> <p>Some: Windows® Embedded Standard 7 (WES 7)</p> <p>Some: LeTOS (Lenovo Terminal Operating System, Linux-based)</p>																																																						
Rear ports	Four USB 3.0 (optional external optical box or external I/O box occupies one or two specific USB 3.0 on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, HDMI, or serial on some models), one headphone																																																								
I/O box	Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M700 Tiny)																																																								
Audio support	High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)																																																								
WLAN ¹³	<p>Some: 11ac + BT 4.0, M.2 Card, Realtek RTL8821AE (dual band), 1x1</p> <p>Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1</p>																																																								

See footnotes for more detailed information

ThinkCentre M700 Tiny (10HY) - TopSeller - IV

Product Specifications Reference (PSREF)

Model	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	DP Dongle	Chassis Intrusion Switch	Floor Stand	VESA Mount	Key-board/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Dust Filter	Adapter Cage	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10HY001VUS	i3-6100T	4GBx1	HD 530	128GB SSD	None	3165 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY001WUS	i3-6100T	4GBx1	HD 530	128GB SSD	None	3165 ac	3rd DP	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY001XUS	i3-6100T	4GBx1	HD 530	500GB 7200	None	3165 ac	3rd DP	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY001YUS	i3-6100T	4GBx1	HD 530	500GB 7200	None	3165 ac	3rd DP	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY0020US	i3-6100T	4GBx1	HD 530	500GB 7200	None	3165 ac	VGA	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY0021US	i3-6100T	8GBx1	HD 530	128GB SSD	None	3165 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY0022US	i3-6100T	4GBx1	HD 530	500GB 7200	DVD±RW	3165 ac	3rd DP	None	Switch	None	Mount	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY0023US	i3-6100T	4GBx1	HD 530	128GB SSD	DVD±RW	3165 ac	3rd DP	None	Switch	None	Mount	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY0024US	i5-6500T	4GBx1	HD 530	128GB SSD	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY0025US	i7-6700T	8GBx1	HD 530	128GB SSD	DVD±RW	8260 ac	None	None	Switch	None	Mount	USB	Speaker 65W	None	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY0026US	i7-6700T	8GBx1	HD 530	128GB SSD	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Windows 10 Pro 64	3-onsite	No	01/16
10HY0027US	G4400T	4GBx1	HD 510	500GB 7200	None	3165 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY0028US	i5-6400T	4GBx1	HD 530	256GB SSD opal	None	8260 ac	3rd DP	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY0029US	i5-6500T	4GBx1	HD 530	256GB SSD opal	None	8260 ac	3rd DP	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16

• For detailed platform specifications, please see [ThinkCentre M700 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Pentium G4400T</td> <td>2 / 2</td> <td>2.9 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4500T</td> <td>2 / 2</td> <td>3.0 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6100T</td> <td>2 / 4</td> <td>3.2 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6300T</td> <td>2 / 4</td> <td>3.3 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6400T</td> <td>4 / 4</td> <td>2.2 G / 2.8 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6500T</td> <td>4 / 4</td> <td>2.5 G / 3.1 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6600T</td> <td>4 / 4</td> <td>2.7 G / 3.5 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i7-6700T</td> <td>4 / 8</td> <td>2.8 G / 3.6 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510	Pentium G4500T	2 / 2	3.0 G	3 MB	DDR4-2133	HD 530	Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530	Core i3-6300T	2 / 4	3.3 G	4 MB	DDR4-2133	HD 530	Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530	Core i5-6500T	4 / 4	2.5 G / 3.1 G	6 MB	DDR4-2133	HD 530	Core i5-6600T	4 / 4	2.7 G / 3.5 G	6 MB	DDR4-2133	HD 530	Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530	<p>Bluetooth™</p> <p>Ethernet Modem</p> <p>Manageability Security chip</p> <p>Security features</p> <p>None</p> <p>Trusted Platform Module, TCG 1.2-compliant</p> <ul style="list-style-type: none"> • Security slot (in rear for optional Kensington® MicroSaver® cable) • Padlock loop • Smart USB protection, allows keyboard/ mouse only, blocks all storage devices • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics																																																				
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Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable																																																								
Disk	<p>Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm</p> <p>Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</p> <p>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</p> <p>Some: M.2 Solid State Drive (SSD) / SATA interface</p>	Keyboard	<p>Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo</p> <p>Some: Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo</p> <p>Some: Lenovo USB Fingerprint Keyboard (USB connector)</p>																																																						
Optical	<p>Some: external ODD box with DVD-ROM or DVD±RW, 9.5mm, via USB</p> <p>Some: external ODD box (for TIO) with DVD-ROM or DVD±RW, 9.5mm, via USB</p>	Mouse	<p>Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black</p> <p>Some: Enhanced Optical USB Mouse, black, Lenovo logo</p> <p>Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black</p>																																																						
Onboard SATA Media reader	None	Mechanical	<p>Tiny (1L), black color; metal case</p> <p>M700 Tiny only:</p> <p>7.05" W X 7.20" D X 1.36" H (179mm W X 182.9mm D X 34.5mm H)</p> <p>2.9 lb (1.3 kg), weight may vary by configuration</p>																																																						
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional HDMI, VGA, or 3rd DP, up to 3 independent displays; Max resolution: 4096x2304 (DP) @60Hz; 4096x2160 (HDMI) @24Hz; 1920x1200 (VGA) @60Hz	VESA mount Floor Stand	Optional VESA mount bracket kit, supports VESA 75mm and 100mm Optional system floor stand for vertical orientation																																																						
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models) 90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)																																																						
Chipset	Intel B150 Chipset	Limited warranty ³	<p>Some: 1-year or 3-year, depot service / service upgrades available</p> <p>Some: 1-year or 3-year, limited onsite service / service upgrades available</p> <p>Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available</p> <p>For Lenovo service upgrade options, please go to S-TC sheet</p>																																																						
Front ports	Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	Preload	<p>Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit</p> <p>Some: Windows 7 Professional 32/64</p> <p>Some: Windows 10 Pro 64-bit</p> <p>Some: Windows 10 Home 64-bit</p> <p>Some: Windows® Embedded Standard 7 (WES 7)</p> <p>Some: LeTOS (Lenovo Terminal Operating System, Linux-based)</p>																																																						
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See footnotes for more detailed information

ThinkCentre M700 Tiny (10HY) - TopSeller - V

Product Specifications Reference (PSREF)

Model	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	DP Dongle	Chassis Intrusion Switch	Floor Stand	VESA Mount	Key-board/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Dust Filter	Adapter Cage	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10HY002AUS	i5-6500T	8GBx1	HD 530	256GB SSD opal	None	8260 ac	3rd DP	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY002BUS	i5-6400T	8GBx1	HD 530	256GB SSD opal	None	8260 ac	3rd DP	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY002CUS	i5-6400T	4GBx1	HD 530	128GB SSD	None	8260 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10HY003JUS	i5-6600T	8GBx1	HD 530	500GB 7200 rpm	None	8260 ac	3rd DP	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	03/16
10HY003HUS	i5-6500T	8GBx1	HD 530	128GB SSD	None	8260 ac	VGA	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	03/16
10HY003KUS	i5-6600T	8GBx1	HD 530	128GB SSD	None	8260 ac	3rd DP	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	Win7 P64 DG Win10	3-onsite	No	03/16

• For detailed platform specifications, please see [ThinkCentre M700 Tiny Platform Specifications sheet](#)

Processor	<p>Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor</p> <table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Pentium G4400T</td> <td>2 / 2</td> <td>2.9 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4500T</td> <td>2 / 2</td> <td>3.0 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6100T</td> <td>2 / 4</td> <td>3.2 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6300T</td> <td>2 / 4</td> <td>3.3 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6400T</td> <td>4 / 4</td> <td>2.2 G / 2.8 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6500T</td> <td>4 / 4</td> <td>2.5 G / 3.1 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6600T</td> <td>4 / 4</td> <td>2.7 G / 3.5 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i7-6700T</td> <td>4 / 8</td> <td>2.8 G / 3.6 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510	Pentium G4500T	2 / 2	3.0 G	3 MB	DDR4-2133	HD 530	Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530	Core i3-6300T	2 / 4	3.3 G	4 MB	DDR4-2133	HD 530	Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530	Core i5-6500T	4 / 4	2.5 G / 3.1 G	6 MB	DDR4-2133	HD 530	Core i5-6600T	4 / 4	2.7 G / 3.5 G	6 MB	DDR4-2133	HD 530	Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530	<p>Bluetooth™ Ethernet Modem</p> <p>Manageability Security chip</p> <p>Security features</p> <p>Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Intel Ethernet Connection I219-LV (Jacksonville), Wake on LAN® None</p> <p>None Trusted Platform Module, TCG 1.2-compliant</p> <ul style="list-style-type: none"> Security slot (in rear for optional Kensington® MicroSaver® cable) Padlock loop Smart USB protection, allows keyboard/ mouse only, blocks all storage devices Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Chassis intrusion switch
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Onboard SATA Media reader	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar None	Power supply	<p>65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models) 90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)</p>																																																					
Graphics	<p>Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional HDMI, VGA, or 3rd DP, up to 3 independent displays; Max resolution: 4096x2304 (DP) @60Hz; 4096x2160 (HDMI) @24Hz; 1920x1200 (VGA) @60Hz</p>	VESA mount Floor Stand																																																						
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Limited warranty ³	<p>Some: 1-year or 3-year, depot service / service upgrades available Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet</p>																																																					
Chipset	Intel B150 Chipset	Preload	<p>Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 32/64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit Some: Windows® Embedded Standard 7 (WES 7) Some: LeTOS (Lenovo Terminal Operating System, Linux-based)</p>																																																					
Front ports	Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)																																																							
Rear ports	Four USB 3.0 (optional external optical box or external I/O box occupies one or two specific USB 3.0 on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, HDMI, or serial on some models), one headphone																																																							
I/O box	Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M700 Tiny)																																																							
Audio support	High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)																																																							
WLAN ¹³	<p>Some: 11ac + BT 4.0, M.2 Card, Realtek RTL8821AE (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1</p>																																																							

See footnotes for more detailed information

ThinkCentre M700 Tiny (10JQ) - Thin Client (TopSeller)

Product Specifications Reference (PSREF)

Model	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	DP Dongle	Chassis Intrusion Switch	Floor Stand	VESA Mount	Key-board/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Dust Filter	Adapter Cage	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10JQ0000US	G4400T	4GBx1	HD 510	16 SSD M.2	None	QCA6174 ac	None	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	WES7	3-onsite	No	03/16
10JQ0005US	G4400T	4GBx1	HD 510	16 SSD M.2	None	QCA6174 ac	VGA	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	LeTOS	3-onsite	No	03/16
10JQ0002US	i3-6100T	4GBx1	HD 530	16 SSD M.2	None	QCA6174 ac	3rd DP	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	WES7	3-onsite	No	03/16
10JQ0006US	G4400T	4GBx1	HD 510	16 SSD M.2	None	QCA6174 ac	3rd DP	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	LeTOS	3-onsite	No	03/16
10JQ0001US	G4400T	4GBx1	HD 510	16 SSD M.2	None	QCA6174 ac	VGA	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	WES7	3-onsite	No	03/16
10JQ0003US	G4400T	4GBx1	HD 510	16 SSD M.2	None	QCA6174 ac	3rd DP	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	WES7	3-onsite	No	03/16
10JQ0004US	G4400T	4GBx1	HD 510	16 SSD M.2	None	QCA6174 ac	Serial	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	WES7	3-onsite	No	03/16
10JQ0008US	i3-6100T	4GBx1	HD 530	16 SSD M.2	None	QCA6174 ac	3rd DP	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	LeTOS	3-onsite	No	03/16
10JQ0007US	G4400T	4GBx1	HD 510	16 SSD M.2	None	QCA6174 ac	Serial	None	Switch	Stand	None	USB	Speaker 65W	None	None	None	None	LeTOS	3-onsite	No	03/16

• For detailed platform specifications, please see [ThinkCentre M700 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Pentium G4400T</td> <td>2 / 2</td> <td>2.9 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4500T</td> <td>2 / 2</td> <td>3.0 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6100T</td> <td>2 / 4</td> <td>3.2 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6300T</td> <td>2 / 4</td> <td>3.3 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6400T</td> <td>4 / 4</td> <td>2.2 G / 2.8 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6500T</td> <td>4 / 4</td> <td>2.5 G / 3.1 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6600T</td> <td>4 / 4</td> <td>2.7 G / 3.5 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i7-6700T</td> <td>4 / 8</td> <td>2.8 G / 3.6 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510	Pentium G4500T	2 / 2	3.0 G	3 MB	DDR4-2133	HD 530	Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530	Core i3-6300T	2 / 4	3.3 G	4 MB	DDR4-2133	HD 530	Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530	Core i5-6500T	4 / 4	2.5 G / 3.1 G	6 MB	DDR4-2133	HD 530	Core i5-6600T	4 / 4	2.7 G / 3.5 G	6 MB	DDR4-2133	HD 530	Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530	<p>Bluetooth™</p> <p>Ethernet Modem</p> <p>Manageability Security chip</p> <p>Security features</p> <p>None</p> <p>Trusted Platform Module, TCG 1.2-compliant</p> <ul style="list-style-type: none"> • Security slot (in rear for optional Kensington® MicroSaver® cable) • Padlock loop • Smart USB protection, allows keyboard/ mouse only, blocks all storage devices • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics																																																				
Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510																																																				
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Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530																																																				
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable																																																								
Disk	<p>Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm</p> <p>Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</p> <p>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</p> <p>Some: M.2 Solid State Drive (SSD) / SATA interface</p>	Keyboard	<p>Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo</p> <p>Some: Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo</p> <p>Some: Lenovo USB Fingerprint Keyboard (USB connector)</p>																																																						
Optical	<p>Some: external ODD box with DVD-ROM or DVD±RW, 9.5mm, via USB</p> <p>Some: external ODD box (for TIO) with DVD-ROM or DVD±RW, 9.5mm, via USB</p> <p>One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar</p> <p>None</p>	Mouse	<p>Some: Enhanced Optical USB Mouse, black, Lenovo logo</p> <p>Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black</p>																																																						
Onboard SATA Media reader	None	Mechanical	<p>Tiny (1L), black color; metal case</p> <p>M700 Tiny only:</p> <p>7.05" W X 7.20" D X 1.36" H (179mm W X 182.9mm D X 34.5mm H)</p> <p>2.9 lb (1.3 kg), weight may vary by configuration</p>																																																						
Graphics	<p>Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional HDMI, VGA, or 3rd DP, up to 3 independent displays;</p> <p>Max resolution: 4096x2304 (DP) @60Hz; 4096x2160 (HDMI) @24Hz; 1920x1200 (VGA) @60Hz</p>	VESA mount Floor Stand	<p>Optional VESA mount bracket kit, supports VESA 75mm and 100mm</p> <p>Optional system floor stand for vertical orientation</p>																																																						
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Power supply	<p>65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)</p> <p>90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)</p>																																																						
Chipset	Intel B150 Chipset	Limited warranty ³	<p>Some: 1-year or 3-year, depot service / service upgrades available</p> <p>Some: 1-year or 3-year, limited onsite service / service upgrades available</p> <p>Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available</p> <p>For Lenovo service upgrade options, please go to S-TC sheet</p>																																																						
Front ports	Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	Preload	<p>Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit</p> <p>Some: Windows 7 Professional 32/64</p> <p>Some: Windows 10 Pro 64-bit</p> <p>Some: Windows 10 Home 64-bit</p> <p>Some: Windows® Embedded Standard 7 (WES 7)</p> <p>Some: LeTOS (Lenovo Terminal Operating System, Linux-based)</p>																																																						
Rear ports	Four USB 3.0 (optional external optical box or external I/O box occupies one or two specific USB 3.0 on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, HDMI, or serial on some models), one headphone																																																								
I/O box	Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M700 Tiny)																																																								
Audio support	High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)																																																								
WLAN ¹³	<p>Some: 11ac + BT 4.0, M.2 Card, Realtek RTL8821AE (dual band), 1x1</p> <p>Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1</p>																																																								

See footnotes for more detailed information



ThinkCentre M700 SFF
with optional monitor



ThinkCentre M700 SFF



ThinkCentre M700 SFF
top view



ThinkCentre M700 SFF
bottom view



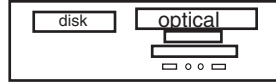
ThinkCentre M700 SFF
front and back view
(with optional card reader and front USB 2.0)



ThinkCentre M700 SFF
left and right view

ThinkCentre M700 SFF Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Security features	<ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Optional cable lock to physically lock both keyboard and mouse <ul style="list-style-type: none"> Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional chassis intrusion switch 																																																												
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron G3900</td> <td>2 / 2</td> <td>2.8 G</td> <td>2 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4400</td> <td>2 / 2</td> <td>3.3 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4500</td> <td>2 / 2</td> <td>3.5 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6100</td> <td>2 / 4</td> <td>3.7 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6300</td> <td>2 / 4</td> <td>3.8 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6400</td> <td>4 / 4</td> <td>2.7 G / 3.3 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6500</td> <td>4 / 4</td> <td>3.2 G / 3.6 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6600</td> <td>4 / 4</td> <td>3.3 G / 3.9 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i7-6700</td> <td>4 / 8</td> <td>3.4 G / 4.0 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510	Pentium G4400	2 / 2	3.3 G	3 MB	DDR4-2133	HD 510	Pentium G4500	2 / 2	3.5 G	3 MB	DDR4-2133	HD 530	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	Keyboard	<i>Some:</i> PS/2 Keyboard (PS/2 connector), Lenovo logo <i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo USB Fingerprint Keyboard (USB connector) <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics																																																										
Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510																																																										
Pentium G4400	2 / 2	3.3 G	3 MB	DDR4-2133	HD 510																																																										
Pentium G4500	2 / 2	3.5 G	3 MB	DDR4-2133	HD 530																																																										
Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530																																																										
Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530																																																										
Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530																																																										
Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530																																																										
Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530																																																										
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530																																																										
		Mouse	<i>Some:</i> PS/2 Optical Wheel Mouse, black, Lenovo logo <i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																												
Memory	32GB max, UDIMM, DDR4 2133, two 288-pin DIMM sockets, dual-channel capable	Mechanical	<ul style="list-style-type: none"> SFF (9.7L), black color; metal case (WxDxH) 13.31" X 14.05" X 3.46"; 338mm X 357mm X 88mm 12.3 lb (5.6 kg) Toolless cover, disk, optical removal Toolless graphics, PCI adapter retention Optional dust filter  <p>Bay 1: N/A, 9.5mm high, external, std optical Bay 2: 3.5", 1" high, internal, std disk Bay 3: 2.5", N/A, internal, opt 2nd 2.5" disk (optional bay) Bay 4: N/A, N/A, external, opt reader Slot 1: Low Profile, PCI Express 3.0 x16 Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x1</p>																																																												
Disk	<i>Some:</i> Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm <i>Some:</i> Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide	Floor Stand	Optional system floor stand for vertical orientation																																																												
Optical	<i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive <i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Power supply	<i>Some:</i> 180 watts, autosensing, 85% PSU <i>Some:</i> 210 watts, autosensing, 85% PSU																																																												
Onboard SATA	Three onboard SATA 6.0Gb/s connectors	Limited warranty ³	<i>Some:</i> 1-year or 3-year, depot service / service upgrades available <i>Some:</i> 1-year or 3-year, limited onsite service / service upgrades available <i>Some:</i> 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>																																																												
Media reader	Optional 9-in-1 media reader	Preload	Preloaded operating system <i>Some:</i> Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit <i>Some:</i> Windows 7 Professional 32/64 <i>Some:</i> Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit																																																												
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, one DisplayPort™, supports two independent displays, works along with discrete graphics to support more displays; <i>Max resolution:</i> 4096x2304 (DP) @60Hz; 1920x1200 (VGA) @60Hz <i>Some:</i> NVIDIA® Quadro® K420 , DirectX 12, 2GB, PCIe 2.0 x16 adapter, one DVI-I, one DisplayPort, 41 watts; <i>Max resolution:</i> 3840x2160 (DisplayPort) @60Hz; 2560x1600 (DVI-I) @60Hz <i>Some:</i> NVIDIA GeForce® GT 720 , DirectX 12, 2GB, PCIe 2.0 x8 adapter, one VGA, one HDMI, 25 watts; <i>Max resolution:</i> 1920x1080 (HDMI) @60Hz; 2048x1536 (VGA) @85Hz <i>Some:</i> NVIDIA GeForce GT 720 , DirectX 12, 1GB, PCIe 2.0 x8 adapter, two DisplayPort, 25 watts; <i>Max resolution:</i> 3840x2160 (DisplayPort) @60Hz;		Preloaded applications (only some listed) <ul style="list-style-type: none"> Desktop Power Manager Lenovo Solution Center Lenovo REACHit Lenovo SHAREit Lenovo Bluetooth Lock (for models with Wi-Fi/BT card) McAfee® LiveSafe™ (30-day trial) Microsoft Office preloaded; purchase a product key to activate PowerDVD Create (DVD±RW) Lenovo ThinkVantage Tools <ul style="list-style-type: none"> - Only for Window 10 - Lenovo Companion - Cyberlink PowerDVD (DVD, DVD±RW) - Lenovo QuickOptimizer <ul style="list-style-type: none"> - Only for Window 7 - Rescue and Recovery - Password Manager - ThinkVantage System Update - Lenovo Message Center Plus - Adobe® Reader® 																																																												
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Environment	ENERGY STAR® 6.0*, EPEAT™ Gold rating* (*Need 85% PSU and Windows OS); ErP Lot 3; GREENGUARD®; RoHS-compliant																																																												
Chipset	Intel H110 Chipset	Accessories	For compatible accessories, please go to TC-AQP sheet																																																												
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)																																																														
Rear ports	Two USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, one DisplayPort, two PS/2 ports (keyboard/mouse); additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models																																																														
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)																																																														
IEEE 1394	None																																																														
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)																																																														
WLAN ¹³	<i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2																																																														
Bluetooth™	<i>Some:</i> Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter																																																														
Ethernet	Gigabit ethernet, Realtek RTL8111GN, Wake on LAN®																																																														
Modem	None																																																														
Manageability	None																																																														
Security chip	Trusted Platform Module, TCG 1.2-compliant																																																														

See footnotes for more detailed information

ThinkCentre M700 SFF (10GT) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Storage	Optical	Optional 2.5" Bay	WLAN	Media reader	Graphics	DP dongle	Optional front ports	Optional rear ports	Intrusion switch	Floor stand	Dust filter	Keyboard/Mouse	Power Supply	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10GT003FUS	i3-6100	4GBx1	500GB 7200 rpm 3.5	DVD±RW	None	Intel 3165 ac	None	Intel HD 530	None	None	None	None	Stand	None	USB / None	210W	3-onsite	No	Windows 10 Pro64	01/16
10GT003BUS	i3-6100	4GBx1	500GB 7200 rpm 3.5	DVD±RW	None	Intel 8260 ac	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT002MUS	i7-6700	8GBx1	1TB 7200 rpm 3.5	DVD±RW	None	Intel 8260 ac	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT002SUS	i5-6400	8GBx1	1TB 7200 rpm 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT002DUS	i3-6100	4GBx1	500GB 7200 rpm 3.5	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT002HUS	i5-6400	8GBx1	128GB SSD	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT002LUS	i7-6700	8GBx1	1TB 7200 rpm 3.5	DVD±RW	None	Intel 8260 ac	None	GT 720 1GB	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT002EUS	i5-6400	4GBx1	500GB 7200 rpm 3.5	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT002FUS	G4400	4GBx1	500GB 7200 rpm 3.5	DVD±RW	2.5" Bay	None	None	Intel HD 510	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT002RUS	i7-6700	8GBx1	500GB 7200 rpm 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT002JUS	i7-6700	8GBx1	1TB 7200 rpm 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT002GUS	i7-6700	8GBx1	1TB 7200 rpm 3.5	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16

• For detailed platform specifications, please see [ThinkCentre M700 SFF Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Bluetooth™ Ethernet Modem	Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Realtek RTL8111GN, Wake on LAN® None																																																												
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron G3900</td> <td>2 / 2</td> <td>2.8 G</td> <td>2 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4400</td> <td>2 / 2</td> <td>3.3 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4500</td> <td>2 / 2</td> <td>3.5 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6100</td> <td>2 / 4</td> <td>3.7 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6300</td> <td>2 / 4</td> <td>3.8 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6400</td> <td>4 / 4</td> <td>2.7 G / 3.3 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6500</td> <td>4 / 4</td> <td>3.2 G / 3.6 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6600</td> <td>4 / 4</td> <td>3.3 G / 3.9 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i7-6700</td> <td>4 / 8</td> <td>3.4 G / 4.0 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510	Pentium G4400	2 / 2	3.3 G	3 MB	DDR4-2133	HD 510	Pentium G4500	2 / 2	3.5 G	3 MB	DDR4-2133	HD 530	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	Manageability Security chip Security features	None Trusted Platform Module, TCG 1.2-compliant • One lock to secure both cover and entire system to fixed object: -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) • Optional cable lock to physically lock both keyboard and mouse • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional chassis intrusion switch
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics																																																										
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Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530																																																										
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Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530																																																										
Memory	32GB max, UDIMM, DDR4 2133, two 288-pin DIMM sockets, dual-channel capable	Keyboard	Some: PS/2 Keyboard (PS/2 connector), Lenovo logo Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector)																																																												
Disk	Some: Hard disk, SATA 6.0Gb/s, 2.5" / 3.5" wide, 5400 / 7200 rpm Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Mouse	Some: PS/2 Optical Wheel Mouse, black, Lenovo logo Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																												
Optical	Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Mechanical	• SFF (9.7L), black color; metal case (WxDxH) 13.31" X 14.05" X 3.46"; 338mm X 357mm X 88mm • 12.3 lb (5.6 kg) • Toolless cover, disk, optical removal • Toolless graphics, PCI adapter retention • Optional dust filter Bays: 9.5mm ODD bay x1, 3.5" bayx1, opt 2.5" bay x1, MCR bay x1 Slots (Low Profile): one PCIe 3.0 x16, two PCIe 2.0 x1 Optional system floor stand for vertical orientation																																																												
Onboard SATA Media reader	Three onboard SATA 6.0Gb/s connectors Optional 9-in-1 media reader	Floor Stand																																																													
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, one DisplayPort™ Some: NVIDIA® Quadro® K420, DirectX 12, 2GB, one DVI-I, one DisplayPort; Some: NVIDIA GeForce® GT 720, DirectX 12, 2GB, one VGA, one HDMI; Some: NVIDIA GeForce GT 720, DirectX 12, 1GB, two DisplayPort; Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Power supply	Some: 180 watts, autosensing, 85% PSU Some: 210 watts, autosensing, 85% PSU																																																												
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Limited warranty ³	Some: 1-year or 3-year, depot service / service upgrades available Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																																																												
Chipset	Intel H110 Chipset	Preload	Preloaded operating system Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 32/64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit																																																												
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)																																																														
Rear ports	Two USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, one DisplayPort, two PS/2 ports (keyboard/mouse); additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models																																																														
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)																																																														
IEEE 1394	None																																																														
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)																																																														
WLAN ¹³	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1																																																														

See footnotes for more detailed information

ThinkCentre M700 SFF (10GT) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Storage	Optical	Optional 2.5" Bay	WLAN	Media reader	Graphics	DP dongle	Optional front ports	Optional rear ports	Chassis intrusion switch	Floor stand	Dust filter	Keyboard/Mouse	Power Supply	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10GT002UUS	i5-6400	4GBx1	500GB 7200 rpm 3.5	DVD±RW	None	Intel 8260 ac	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT002QUS	i7-6700	8GBx1	120GB SSD	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT003CUS	G4400	4GBx1	500GB 7200 rpm 3.5	DVD±RW	None	None	None	Intel HD 510	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT003BUS	i5-6400	8GBx1	120GB SSD	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT002NUS	i5-6400	8GBx1	1TB 7200 rpm 3.5	DVD±RW	None	Intel 8260 ac	None	GT 720 2GB	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT002VUS	i5-6400	8GBx1	500GB 7200 rpm 3.5	DVD±RW	None	Intel 8260 ac	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT002TUS	i7-6700	8GBx1	256GB SSD opal	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT002PUS	i5-6400	4GBx1	500GB 7200 rpm 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT003AUS	i3-6100	4GBx1	500GB 7200 rpm 3.5	DVD±RW	None	Intel 3165 ac	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT0037US	i5-6400	8GBx1	192GB SSD	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT0039US	i3-6100	4GBx1	500GB 7200 rpm 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT003GUS	G4400	4GBx1	500GB 7200 rpm 3.5	DVD±RW	None	Intel 3165 ac	None	Intel HD 510	None	None	None	None	Stand	None	USB / None	210W	3-onsite	No	Windows 10 Pro64	01/16
10GT003DUS	i7-6700	8GBx1	1TB 7200 rpm 3.5	DVD±RW	None	Intel 8260 ac	None	Intel HD 530	None	None	None	None	Stand	None	USB / None	210W	3-onsite	No	Windows 10 Pro64	01/16

• For detailed platform specifications, please see [ThinkCentre M700 SFF Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Bluetooth™ Ethernet Modem	Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Realtek RTL8111GN, Wake on LAN® None																																																												
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Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530																																																										
Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530																																																										
Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530																																																										
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Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530																																																										
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530																																																										
Memory	32GB max, UDIMM, DDR4 2133, two 288-pin DIMM sockets, dual-channel capable	Keyboard	Some: PS/2 Keyboard (PS/2 connector), Lenovo logo Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector)																																																												
Disk	Some: Hard disk, SATA 6.0Gb/s, 2.5" / 3.5" wide, 5400 / 7200 rpm Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Mouse	Some: PS/2 Optical Wheel Mouse, black, Lenovo logo Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																												
Optical	Three onboard SATA 6.0Gb/s connectors Optional 9-in-1 media reader	Mechanical	• SFF (9.7L), black color; metal case (WxDxH) 13.31" X 14.05" X 3.46"; 338mm X 357mm X 88mm • 12.3 lb (5.6 kg) • Toolless cover, disk, optical removal • Toolless graphics, PCI adapter retention • Optional dust filter Bays: 9.5mm ODD bay x1, 3.5" bayx1, opt 2.5" bay x1, MCR bay x1 Slots (Low Profile): one PCIe 3.0 x16, two PCIe 2.0 x1 Optional system floor stand for vertical orientation																																																												
Onboard SATA Media reader		Floor Stand																																																													
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, one DisplayPort™ Some: NVIDIA® Quadro® K420, DirectX 12, 2GB, one DVI-I, one DisplayPort; Some: NVIDIA GeForce® GT 720, DirectX 12, 2GB, one VGA, one HDMI; Some: NVIDIA GeForce GT 720, DirectX 12, 1GB, two DisplayPort; Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Power supply	Some: 180 watts, autosensing, 85% PSU Some: 210 watts, autosensing, 85% PSU																																																												
DP cable		Limited warranty ³	Some: 1-year or 3-year, depot service / service upgrades available Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																																																												
Chipset	Intel H110 Chipset	Preload	Preloaded operating system Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 32/64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit																																																												
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)																																																														
Rear ports	Two USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, one DisplayPort, two PS/2 ports (keyboard/mouse); additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models																																																														
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)																																																														
IEEE 1394	None																																																														
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)																																																														
WLAN ¹³	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1																																																														

See footnotes for more detailed information

ThinkCentre M700 SFF (10GT) - TopSeller - III

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Storage	Optical	Optional 2.5" Bay	WLAN	Media reader	Graphics	DP dongle	Optional front ports	Optional rear ports	Chassis intrusion switch	Floor stand	Dust filter	Keyboard/Mouse	Power Supply	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10GT003EUS	i5-6400	4GBx1	500GB 7200 rpm 3.5	DVD±RW	None	Intel 8260 ac	None	Intel HD 530	None	None	None	None	Stand	None	USB / None	210W	3-onsite	No	Windows 10 Pro64	01/16
10GT002WUS	i5-6400	8GBx1	500GB 7200 rpm 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT0036US	i5-6400	8GBx1	256GB SSD opal	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT002KUS	i7-6700	8GBx1	192GB SSD	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	01/16
10GT004GUS	i5-6500	8GBx1	120GB SSD	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	03/16
10GT004HUS	i5-6500	8GBx1	500GB 7200 rpm 3.5	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	USB / USB	210W	3-onsite	No	Win7 P64 DG Win10	03/16

• For detailed platform specifications, please see [ThinkCentre M700 SFF Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Bluetooth™ Ethernet Modem	Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Realtek RTL8111GN, Wake on LAN® None																																																												
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron G3900</td> <td>2 / 2</td> <td>2.8 G</td> <td>2 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4400</td> <td>2 / 2</td> <td>3.3 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4500</td> <td>2 / 2</td> <td>3.5 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6100</td> <td>2 / 4</td> <td>3.7 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6300</td> <td>2 / 4</td> <td>3.8 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6400</td> <td>4 / 4</td> <td>2.7 G / 3.3 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6500</td> <td>4 / 4</td> <td>3.2 G / 3.6 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6600</td> <td>4 / 4</td> <td>3.3 G / 3.9 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i7-6700</td> <td>4 / 8</td> <td>3.4 G / 4.0 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510	Pentium G4400	2 / 2	3.3 G	3 MB	DDR4-2133	HD 510	Pentium G4500	2 / 2	3.5 G	3 MB	DDR4-2133	HD 530	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	Manageability Security chip Security features	None Trusted Platform Module, TCG 1.2-compliant <ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Optional cable lock to physically lock both keyboard and mouse <ul style="list-style-type: none"> Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional chassis intrusion switch
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics																																																										
Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510																																																										
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Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530																																																										
Memory	32GB max, UDIMM, DDR4 2133, two 288-pin DIMM sockets, dual-channel capable	Keyboard	Some: PS/2 Keyboard (PS/2 connector), Lenovo logo Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector)																																																												
Disk	Some: Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s	Mouse	Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black Some: PS/2 Optical Wheel Mouse, black, Lenovo logo Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																												
Optical	Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Mechanical	<ul style="list-style-type: none"> SFF (9.7L), black color; metal case (WxDxH) 13.31" X 14.05" X 3.46"; 338mm X 357mm X 88mm 12.3 lb (5.6 kg) Toolless cover, disk, optical removal Toolless graphics, PCI adapter retention Optional dust filter 																																																												
Onboard SATA Media reader	Three onboard SATA 6.0Gb/s connectors Optional 9-in-1 media reader	Floor Stand	Bays: 9.5mm ODD bay x1, 3.5" bayx1, opt 2.5" bay x1, MCR bay x1 Slots (Low Profile): one PCIe 3.0 x16, two PCIe 2.0 x1 Optional system floor stand for vertical orientation																																																												
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, one DisplayPort™ Some: NVIDIA® Quadro® K420, DirectX 12, 2GB, one DVI-I, one DisplayPort; Some: NVIDIA GeForce® GT 720, DirectX 12, 2GB, one VGA, one HDMI; Some: NVIDIA GeForce GT 720, DirectX 12, 1GB, two DisplayPort; Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Power supply	Some: 180 watts, autosensing, 85% PSU Some: 210 watts, autosensing, 85% PSU																																																												
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Limited warranty ³	Some: 1-year or 3-year, depot service / service upgrades available Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																																																												
Chipset	Intel H110 Chipset	Preload	Preloaded operating system Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 32/64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit																																																												
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)																																																														
Rear ports	Two USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, one DisplayPort, two PS/2 ports (keyboard/mouse); additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models																																																														
Rear audio ports IEEE 1394	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm) None																																																														
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)																																																														
WLAN ¹³	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1																																																														

See footnotes for more detailed information



ThinkCentre M700 Tower
with optional dust filter



ThinkCentre M700 Tower



ThinkCentre M700 Tower



ThinkCentre M700 Tower



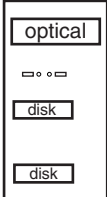
ThinkCentre M700 Tower



ThinkCentre M700 Tower

ThinkCentre M700 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Security features	<ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Optional cable lock to physically lock both keyboard and mouse <ul style="list-style-type: none"> Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional chassis intrusion switch 																																																												
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Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics																																																										
Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510																																																										
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Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530																																																										
		Mouse	<i>Some:</i> PS/2 Optical Wheel Mouse, black, Lenovo logo <i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																												
Memory	32GB max, UDIMM, DDR4 2133, two 288-pin DIMM sockets, dual-channel capable	Mechanical	<ul style="list-style-type: none"> Mini Tower (20L), black color, metal case (WxDxH) 6.3" X 15.5" X 15.7"; 160mm X 394.5mm X 398mm 19.8 lb (9.0 kg) Optional handle Optional dust filter <p>Bay 1: 5.25", 1.6" high, access, std optical / opt front access HDD Bay 2: 3.5", 1" high, no access, std disk Bay 3: 3.5", 1" high, no access, opt disk Bay 4: N/A, N/A, external, opt reader Slot 1: half-length, full-height, PCIe 3.0 x16 Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x1</p> 																																																												
Disk	<i>Some:</i> Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm <i>Some:</i> Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide <i>Some:</i> Front accessible and removable HDD, 3.5", lockable via physical key	Power supply	<i>Some:</i> 180 watts, autosensing, 85% PSU <i>Some:</i> 250 watts, autosensing, 85% PSU																																																												
Optical	<i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive <i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Limited warranty ³	<i>Some:</i> 1-year or 3-year, depot service / service upgrades available <i>Some:</i> 1-year or 3-year, limited onsite service / service upgrades available <i>Some:</i> 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>																																																												
Onboard SATA Media reader	Three onboard SATA 6.0Gb/s connectors, Optional 9-in-1 media reader	Preload	Preloaded operating system <i>Some:</i> Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit <i>Some:</i> Windows 7 Professional 32/64 <i>Some:</i> Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit																																																												
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, one DisplayPort™, supports two independent displays, works along with discrete graphics to support more displays; <i>Max resolution:</i> 4096x2304 (DP) @60Hz; 1920x1200 (VGA) @60Hz <i>Some:</i> NVIDIA® Quadro® K420 , DirectX 12, 2GB, PCIe 2.0 x16 adapter, one DVI-I, one DisplayPort, 41 watts; <i>Max resolution:</i> 3840x2160 (DisplayPort) @60Hz; 2560x1600 (DVI-I) @60Hz <i>Some:</i> NVIDIA GeForce® GT 720 , DirectX 12, 2GB, PCIe 2.0 x8 adapter, one VGA, one HDMI, 25 watts; <i>Max resolution:</i> 1920x1080 (HDMI) @60Hz; 2048x1536 (VGA) @85Hz <i>Some:</i> NVIDIA GeForce GT 720 , DirectX 12, 1GB, PCIe 2.0 x8 adapter, two DisplayPort, 25 watts; <i>Max resolution:</i> 3840x2160 (DisplayPort) @60Hz;		Preloaded applications (only some listed) <ul style="list-style-type: none"> Desktop Power Manager Lenovo Solution Center Lenovo REACHit Lenovo SHAREit Lenovo Bluetooth Lock (for models with Wi-Fi/BT card) McAfee® LiveSafe™ (30-day trial) Microsoft Office preloaded; purchase a product key to activate PowerDVD Create (DVD±RW) Lenovo ThinkVantage Tools - Only for Window 10 <ul style="list-style-type: none"> Lenovo Companion Cyberlink PowerDVD (DVD, DVD±RW) Lenovo QuickOptimizer - Only for Window 7 <ul style="list-style-type: none"> Rescue and Recovery Password Manager ThinkVantage System Update Lenovo Message Center Plus Adobe® Reader® 																																																												
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Environment	ENERGY STAR® 6.0*, EPEAT™ Gold rating* (*Need 85% PSU and Windows OS); ErP Lot 3; GREENGUARD ; RoHS-compliant																																																												
Chipset	Intel H110 Chipset	Accessories	For compatible accessories, please go to TC-AQP sheet																																																												
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)																																																														
Rear ports	Two USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, one DisplayPort, two PS/2 ports (keyboard/mouse); additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models																																																														
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)																																																														
IEEE 1394	None																																																														
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)																																																														
WLAN ¹³	<i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2																																																														
Bluetooth™	<i>Some:</i> Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter																																																														
Ethernet	Gigabit ethernet, Realtek RTL8111GN, Wake on LAN®																																																														
Modem	None																																																														
Manageability	None																																																														
Security chip	Trusted Platform Module, TCG 1.2-compliant																																																														

See footnotes for more detailed information

ThinkCentre M700 Tower (10GR) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Storage	Optical	WLAN	Media reader	Graphics	DP dongle	Optional front ports	Optional rear ports	Chassis intrusion switch	Carry handle	Front access HDD	Dust filter	Keyboard/ Mouse	Power Supply	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10GR001YUS	i5-6400	8GBx1	500GB 7200 rpm 3.5	DVD±RW	8260 ac	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR001NUS	G4400	4GBx1	500GB 7200 rpm 3.5	DVD±RW	None	None	Intel HD 510	None	None	None	None	Handle	None	None	USB / None	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR0028US	i3-6100	4GBx1	500GB 7200 rpm 3.5	DVD±RW	8260 ac	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR002AUS	i3-6100	4GBx1	500GB 7200 rpm 3.5	DVD±RW	3165 ac	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR002BUS	G4400	4GBx1	500GB 7200 rpm 3.5	DVD±RW	None	None	Intel HD 510	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR0025US	i5-6400	8GBx1	1TB 7200 rpm 3.5	DVD±RW	8260 ac	None	GT 720 1GB	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR002CUS	i7-6700	8GBx1	1TB 7200 rpm 3.5	DVD±RW	8260 ac	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Windows 10 Pro64	01/16
10GR0021US	i5-6400	4GBx1	500GB 7200 rpm 3.5	DVD±RW	8260 ac	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR0024US	i5-6400	8GBx1	500GB 7200 rpm 3.5	DVD±RW	None	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR0023US	i5-6400	8GBx1	1TB 7200 rpm 3.5	DVD±RW	None	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR0020US	i5-6400	4GBx1	500GB 7200 rpm 3.5	DVD±RW	None	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR0029US	i3-6100	4GBx1	500GB 7200 rpm 3.5	DVD±RW	None	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR002EUS	i5-6400	4GBx1	500GB 7200 rpm 3.5	DVD±RW	8260 ac	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Windows 10 Pro64	01/16

• For detailed platform specifications, please see [ThinkCentre M700 Mini Tower Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Bluetooth™ Ethernet Modem	Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Realtek RTL8111GN, Wake on LAN® None																																																												
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron G3900</td> <td>2 / 2</td> <td>2.8 G</td> <td>2 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4400</td> <td>2 / 2</td> <td>3.3G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4500</td> <td>2 / 2</td> <td>3.5G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6100</td> <td>2 / 4</td> <td>3.7 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6300</td> <td>2 / 4</td> <td>3.8 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6400</td> <td>4 / 4</td> <td>2.7 G / 3.3 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6500</td> <td>4 / 4</td> <td>3.2 G / 3.6 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6600</td> <td>4 / 4</td> <td>3.3 G / 3.9 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i7-6700</td> <td>4 / 8</td> <td>3.4 G / 4.0 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	Manageability Security chip	None Trusted Platform Module, TCG 1.2-compliant
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics																																																										
Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510																																																										
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510																																																										
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Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530																																																										
Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530																																																										
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Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530																																																										
		Security features	<ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Optional cable lock to physically lock both keyboard and mouse <ul style="list-style-type: none"> Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional chassis intrusion switch 																																																												
Memory	32GB max, UDIMM, DDR4 2133, two 288-pin DIMM sockets, dual-channel capable	Keyboard	Some: PS/2 Keyboard (PS/2 connector), Lenovo logo Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector) Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black																																																												
Disk	Some: Hard disk, SATA 6.0Gb/s, 2.5" / 3.5" wide, 5400 / 7200 rpm Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: Front accessible and removable HDD, 3.5", lockable via physical key Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Mouse	Some: PS/2 Optical Wheel Mouse, black, Lenovo logo Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																												
Optical	Some: Front accessible and removable HDD, 3.5", lockable via physical key Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Mechanical	<ul style="list-style-type: none"> Mini Tower (20L), black color, metal case (WxDxH) 6.3" X 15.5" X 15.7"; 160mm X 394.5mm X 398mm 19.8 lb (9.0 kg) Optional handle Optional dust filter Bays: 5.25" ODD bay x1, 3.5" HDD bay x2, MCR bay x1 Slots: one PCIe 3.0 x16, two PCIe 2.0 x1																																																												
Onboard SATA Media reader	Three onboard SATA 6.0Gb/s connectors, Optional 9-in-1 media reader	Power supply	Some: 180 watts, autosensing, 85% PSU Some: 250 watts, autosensing, 85% PSU																																																												
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, one DisplayPort™ Some: NVIDIA® Quadro® K420, DirectX 12, 2GB, one DVI-I, one DisplayPort; Some: NVIDIA GeForce® GT 720, DirectX 12, 2GB, one VGA, one HDMI; Some: NVIDIA GeForce GT 720, DirectX 12, 1GB, two DisplayPort; Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Limited warranty ³	Some: 1-year or 3-year, depot service / service upgrades available Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																																																												
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Preload	Preloaded operating system Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 32/64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit																																																												
Chipset	Intel H110 Chipset																																																														
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)																																																														
Rear ports	Two USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, one DisplayPort, two PS/2 ports (keyboard/mouse); additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models																																																														
Rear audio ports IEEE 1394	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm) None																																																														
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)																																																														
WLAN ¹³	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2																																																														

See footnotes for more detailed information

ThinkCentre M700 Tower (10GR) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Storage	Optical	WLAN	Media reader	Graphics	DP dongle	Optional front ports	Optional rear ports	Chassis intrusion switch	Carry handle	Front access HDD	Dust filter	Keyboard/Mouse	Power Supply	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10GR001WUS	i7-6700	8GBx1	128GB SSD	DVD±RW	None	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR001SUS	i7-6700	8GBx1	500GB 7200 rpm 3.5	DVD±RW	None	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR001MUS	i7-6700	8GBx1	1TB 7200 rpm 3.5	DVD±RW	None	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / None	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR001VUS	i7-6700	8GBx1	120GB SSD	DVD±RW	None	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR001QUS	i5-6400	4GBx1	500GB 7200 rpm 3.5	DVD±RW	None	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / None	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR001PUS	i3-6100	4GBx1	500GB 7200 rpm 3.5	DVD±RW	None	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / None	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR001XUS	i7-6700	8GBx1	1TB 7200 rpm 3.5	DVD±RW	8260 ac	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR001TUS	i7-6700	8GBx1	1TB 7200 rpm 3.5	DVD±RW	8260 ac	None	GT 720 1GB	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR002DUS	G4400	4GBx1	500GB 7200 rpm 3.5	DVD±RW	3165 ac	None	Intel HD 510	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Windows 10 Pro64	01/16
10GR0022US	i5-6400	8GBx1	192GB SSD	DVD±RW	None	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR0026US	i5-6400	8GBx1	120GB SSD	DVD±RW	None	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR0027US	i5-6400	8GBx1	256GB SSD opal	DVD±RW	None	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR001RUS	i7-6700	8GBx1	256GB SSD opal	DVD±RW	None	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16

• For detailed platform specifications, please see [ThinkCentre M700 Mini Tower Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor						Bluetooth™ Ethernet Modem Manageability Security chip Security features	None Trusted Platform Module, TCG 1.2-compliant • One lock to secure both cover and entire system to fixed object: -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) • Optional cable lock to physically lock both keyboard and mouse • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional chassis intrusion switch
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics		
	Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510		
	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510		
	Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530		
	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530		
	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530		
	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530		
	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530		
	Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530		
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530			
Memory	32GB max, UDIMM, DDR4 2133, two 288-pin DIMM sockets, dual-channel capable						Keyboard	Some: PS/2 Keyboard (PS/2 connector), Lenovo logo Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector) Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black
Disk	Some: Hard disk, SATA 6.0Gb/s, 2.5" / 3.5" wide, 5400 / 7200 rpm Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: Front accessible and removable HDD, 3.5", lockable via physical key Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive						Mouse	Some: PS/2 Optical Wheel Mouse, black, Lenovo logo Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black
Optical	Three onboard SATA 6.0Gb/s connectors, Optional 9-in-1 media reader						Mechanical	• Mini Tower (20L), black color, metal case • (WxDxH) 6.3" X 15.5" X 15.7"; 160mm X 394.5mm X 398mm • 19.8 lb (9.0 kg) • Optional handle • Optional dust filter Bays: 5.25" ODD bay x1, 3.5" HDD bay x2, MCR bay x1 Slots: one PCIe 3.0 x16, two PCIe 2.0 x1
Onboard SATA Media reader	Three onboard SATA 6.0Gb/s connectors, Optional 9-in-1 media reader						Power supply	Some: 180 watts, autosensing, 85% PSU Some: 250 watts, autosensing, 85% PSU
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, one DisplayPort™ Some: NVIDIA® Quadro® K420, DirectX 12, 2GB, one DVI-I, one DisplayPort; Some: NVIDIA GeForce® GT 720, DirectX 12, 2GB, one VGA, one HDMI; Some: NVIDIA GeForce GT 720, DirectX 12, 1GB, two DisplayPort; Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle						Limited warranty ³	Some: 1-year or 3-year, depot service / service upgrades available Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle						Preload	Preloaded operating system Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 32/64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit
Chipset	Intel H110 Chipset							
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)							
Rear ports	Two USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, one DisplayPort, two PS/2 ports (keyboard/mouse); additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models							
Rear audio ports IEEE 1394	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm) None							
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)							
WLAN ¹³	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2							

See footnotes for more detailed information

ThinkCentre M700 Tower (10GR) - TopSeller - III

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Storage	Optical	WLAN	Media reader	Graphics	DP dongle	Optional front ports	Optional rear ports	Chassis intrusion switch	Carry handle	Front access HDD	Dust filter	Keyboard/Mouse	Power Supply	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10GR001UUS	i7-6700	8GBx1	1TB 7200 rpm 3.5	DVD±RW	None	None	Intel HD 530	None	None	None	None	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR001H++	i5-6400	4GBx1	500GB 7200 rpm 3.5	DVD±RW	None	Media	Intel HD 530	None	None	Parallel	Switch	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR001J++	i3-6100	4GBx1	192GB SSD	DVD±RW	None	Media	Intel HD 530	None	None	Parallel	Switch	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR001K++	i3-6100	4GBx1	500GB 7200 rpm 3.5	DVD±RW	None	Media	Intel HD 530	None	None	Parallel	Switch	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16
10GR001L++	i5-6400	8GBx1	192GB SSD	DVD±RW	None	Media	Intel HD 530	None	None	Parallel	Switch	Handle	None	None	USB / USB	250W	3-onsite	No	Win7 P64 DG Win10	01/16

• For detailed platform specifications, please see [ThinkCentre M700 Mini Tower Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Bluetooth™ Ethernet Modem	Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Realtek RTL8111GN, Wake on LAN® None																																																												
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Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics																																																										
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Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530																																																										
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530																																																										
		Security features	<ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Optional cable lock to physically lock both keyboard and mouse <ul style="list-style-type: none"> Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional chassis intrusion switch 																																																												
Memory	32GB max, UDIMM, DDR4 2133, two 288-pin DIMM sockets, dual-channel capable	Keyboard	Some: PS/2 Keyboard (PS/2 connector), Lenovo logo Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector)																																																												
Disk	Some: Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: Front accessible and removable HDD, 3.5", lockable via physical key Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Mouse	Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black Some: PS/2 Optical Wheel Mouse, black, Lenovo logo Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																												
Optical	Some: Front accessible and removable HDD, 3.5", lockable via physical key Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Mechanical	<ul style="list-style-type: none"> Mini Tower (20L), black color, metal case (WxDxH) 6.3" X 15.5" X 15.7"; 160mm X 394.5mm X 398mm 19.8 lb (9.0 kg) Optional handle Optional dust filter Bays: 5.25" ODD bay x1, 3.5" HDD bay x2, MCR bay x1 Slots: one PCIe 3.0 x16, two PCIe 2.0 x1																																																												
Onboard SATA Media reader	Three onboard SATA 6.0Gb/s connectors, Optional 9-in-1 media reader	Power supply	Some: 180 watts, autosensing, 85% PSU Some: 250 watts, autosensing, 85% PSU																																																												
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, one DisplayPort™ Some: NVIDIA® Quadro® K420, DirectX 12, 2GB, one DVI-I, one DisplayPort; Some: NVIDIA GeForce® GT 720, DirectX 12, 2GB, one VGA, one HDMI; Some: NVIDIA GeForce GT 720, DirectX 12, 1GB, two DisplayPort; Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Limited warranty ³	Some: 1-year or 3-year, depot service / service upgrades available Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																																																												
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Preload	Preloaded operating system Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 32/64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit																																																												
Chipset	Intel H110 Chipset																																																														
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)																																																														
Rear ports	Two USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, one DisplayPort, two PS/2 ports (keyboard/mouse); additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models																																																														
Rear audio ports IEEE 1394	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm) None																																																														
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)																																																														
WLAN ¹³	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2																																																														

See footnotes for more detailed information



ThinkCentre M73z with Frame Stand and optional wireless keyboard and mouse



ThinkCentre M73z with Monitor Stand and optional wireless keyboard and mouse



ThinkCentre M73z with Frame Stand with optional PS/2 and Serial ports



ThinkCentre M73z with Monitor Stand with optional PS/2 and Serial ports



ThinkCentre M73z with Frame Stand with optional wireless keyboard and mouse



ThinkCentre M73z with Monitor Stand with optional wireless keyboard and mouse

ThinkCentre M73z (10BC) - TopSeller (1-year Onsite)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial & PS/2 port	Stand type	Key-board/Mouse Global	Preload	Ann date (mm/dd/yy)
10BC0005US	i5-4430S	4GBx1 1600MHz	720p	500G 7200	HD 4600	N105	None	None	None	Frame	USB	None	Win7 Pro64 DG 09/24/13
10BC000HUS	G3220	2GBx1 1600MHz	720p	500G 7200	Intel HD	N105	None	None	None	Frame	USB	None	Win7 Pro64 DG 09/24/13

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 1-year limited warranty

Positioning	<i>Mainstream All-In-One PC for the enterprise</i>										
Processor	Intel® Pentium® G3220 Processor (2 cores / 2 threads, 3.0GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i5-4430S Processor (4 cores / 4 threads, 2.7GHz, 6MB cache), Turbo Boost 2.0 (3.2GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket										
Implementation	Preloaded operating system²⁰ Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit										
Memory	Ready to install applications (only some listed) <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager 										
Graphics	Preloaded applications (only some listed) <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Device Experience • ThinkVantage AutoLock • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote • Intel AppUp • Nitro Pro 										
DP dongle	None										
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare										
Multi-touch	None										
Camera	Optional camera on top of screen, 1.0-megapixel, fixed focus, supports 720p, with digital microphone, physical switch on/off										
Controls	Side buttons for brightness up, brightness down, and power on/off										
Disk	Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm										
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high										
Media reader	Optional 7-in-1 Single Slot media reader, via internal USB 2.0										
Chipset	Intel H81 Express Chipset										
Rear ports	Four USB 2.0, ethernet (RJ-45), VGA out connector, optional serial (9-pin), two optional PS/2 ports (keyboard and mouse)										
Side ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)										
PCIe Mini Card	One PCI Express® Mini Card slot										
PCIe WLAN	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1										
Bluetooth	None										
Ethernet	One gigabit ethernet port, Intel I217-V										
Audio	High Definition (HD) Audio, Realtek ALC269VC										
Speaker	Two internal stereo speakers (2watt x 2)										
Intel AMT	None										
Modem	None										
IEEE 1394	None										
Security chip	Trusted Platform Module (TPM 1.2-compliant)										
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, Lenovo logo										
Power supply	150 watts, autosensing, 85% PSU										
Mechanical	<ul style="list-style-type: none"> • Business black color • Carry handle in rear • Support VESA mount (100mm) With Frame stand: 19.9" W X 3.56" D X 15.9" H 506mm W X 90.5mm D X 404.75mm H 16.4 lb (7.46 kg) in maximum configuration Adjustable stand (between 10° and 25°) With Monitor stand: 19.9" W X 9.83" D X 16.7" H 506mm W X 249.8mm D X 423.9mm H 19.5 lb (8.84 kg) in maximum configuration Tilt: -5° to 25°; Lift: 110mm; Swivel: +/-45°;										
Limited Warranty	1-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										
	Security <ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement • Chassis intrusion switch on selected model(s) EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant EuP 2013 Certified Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet										

See footnotes for important warranty information
US model(s) announced September 24, 2012

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(MDST1-4) September 2013

ThinkCentre M73z (10BC) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial PS/2 port	Stand type	Key-board/Mouse	Global	Preload	Ann date (mm/dd/yy)
10BC0001US	i7-4770S	8GBx1 1600MHz	720p	500G Hybrid	HD 4600	N2230	Media	None	S P	Monitor	2.4G	None	Win7 Pro64 DG	09/24/13
10BC0002US	i7-4770S	4GBx1 1600MHz	720p	1TB 7200	HD 4600	N2230	Media	None	None	Monitor	USB	None	Win7 Pro64 DG	09/24/13
10BC0003US	i5-4430S	4GBx1 1600MHz	720p	500G 7200	HD 4600	N2230	Media	None	None	Frame	USB	None	Win7 Pro64 DG	09/24/13
10BC0004US	i5-4570S	4GBx1 1600MHz	720p	500G 7200	HD 4600	N2230	Media	None	None	Monitor	USB	None	Win7 Pro64 DG	09/24/13
10BC0006US	i5-4570S	4GBx1 1600MHz	720p	500G Hybrid	HD 4600	N2230	Media	None	None	Monitor	USB	None	Win7 Pro64 DG	09/24/13
10BC0007US	i5-4570S	4GBx1 1600MHz	720p	500G 7200	HD 4600	N2230	None	None	None	Frame	USB	None	Win7 Pro64 DG	09/24/13
10BC0008US	i5-4570S	4GBx1 1600MHz	720p	180G SSD	HD 4600	N2230	Media	None	None	Monitor	USB	None	Win7 Pro64 DG	09/24/13
10BC0009US	i5-4570S	4GBx1 1600MHz	720p	128G SSD	HD 4600	N2230	Media	None	None	Monitor	USB	None	Win7 Pro64 DG	09/24/13

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Mainstream All-In-One PC for the enterprise</i>											Preloaded operating system²⁰
Processor	Intel® Core™ i5-4430S Processor (4 cores / 4 threads, 2.7GHz, 6MB cache), Turbo Boost 2.0 (3.2GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770S Processor (4 cores / 8 threads, 3.1GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)
Memory	16GB max, 1600MHz DDR3L , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, external digital monitor support via VGA, supports dual independent display; <i>Maximum resolution:</i> 1600x900 (panel) @60Hz; 1920x1200 (VGA) @60Hz (Reduced Blanking)											Preloaded applications (only some listed)
DP dongle	None											<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Device Experience • ThinkVantage AutoLock • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote • Intel AppUp • Nitro Pro
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare											
Multi-touch	None											
Camera	Optional camera on top of screen, 1.0-megapixel, fixed focus, supports 720p, with digital microphone, physical switch on/off											
Controls	Side buttons for brightness up, brightness down, and power on/off											
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide											
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high											
Media reader	Optional 7-in-1 Single Slot media reader, via internal USB 2.0											
Chipset	Intel H81 Express Chipset											
Rear ports	Four USB 2.0, ethernet (RJ-45), VGA out connector, optional serial (9-pin), two optional PS/2 ports (keyboard and mouse)											
Side ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
PCIe Mini Card	One PCI Express® Mini Card slot											
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2											
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter											Security
Ethernet	One gigabit ethernet port, Intel I217-V											<ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement • Chassis intrusion switch on selected model(s)
Audio	High Definition (HD) Audio, Realtek ALC269VC											
Speaker	Two internal stereo speakers (2watt x 2)											
Intel AMT	None											
Modem	None											
IEEE 1394	None											
Security chip	Trusted Platform Module (TPM 1.2-compliant)											
Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo® logo <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black											
Mouse	<i>Some:</i> Enhanced Optical USB Mouse, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black											
Power supply	150 watts, autosensing, 85% PSU											
Mechanical	<ul style="list-style-type: none"> • Business black color • Carry handle in rear • Support VESA mount (100mm) <i>With Frame stand:</i> 19.9" W X 3.56" D X 15.9" H 506mm W X 90.5mm D X 404.75mm H 16.4 lb (7.46 kg) in maximum configuration Adjustable stand (between 10° and 25°) <i>With Monitor stand:</i> 19.9" W X 9.83" D X 16.7" H 506mm W X 249.8mm D X 423.9mm H 19.5 lb (8.84 kg) in maximum configuration Tilt: -5° to 25°; Lift: 110mm; Swivel: +/-45°;											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant EuP 2013 Certified Supports ThinkVantage Technologies
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
 US model(s) announced September 24, 2012

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ThinkCentre M73z (10BC) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial & PS/2 port	Stand type	Key-board/Mouse	Global	Preload	Ann date (mm/dd/yy)
10BC000BUS	i5-4670S	8GBx1	720p	1TB 7200	HD 4600	N2230	Media	None	None	Monitor	USB	None	Win7 Pro64 DG	09/24/13
10BC000CUS	i7-4770S	8GBx1	720p	1TB 7200	HD 4600	N2230	Media	None	None	Monitor	USB	None	Win7 Pro64 DG	09/24/13
10BC000DUS	i3-4130	4GBx1	720p	500G 7200	HD 4400	N2230	None	None	None	Monitor	USB	None	Win7 Pro64 DG	09/24/13
10BC000EUS	i3-4130	4GBx1	720p	500G 7200	HD 4400	N2230	None	None	None	Frame	USB	None	Win7 Pro64 DG	09/24/13
10BC000FUS	i3-4130	4GBx1	720p	500G Hybrid	HD 4400	N2230	None	None	None	Monitor	USB	None	Win7 Pro64 DG	09/24/13
10BC000GUS	G3220	2GBx1	720p	500G 7200	Intel HD	N2230	None	None	None	Monitor	USB	None	Win7 Pro64 DG	09/24/13
10BC000QUS	i5-4570S	4GBx1	720p	500G 7200	HD 4600	N2230	Media	None	None	None	USB	None	Win7 Pro64 DG	11/12/13
10BC000YUS	G3220	2GBx1	720p	500G 7200	Intel HD	N7260	None	None	None	Monitor	USB	None	Win7 P64 DG Win8.1	01/21/14
10BC0010US	i3-4130	4GBx1	720p	500G 7200	HD 4400	N7260	None	None	None	Monitor	USB	None	Win7 P64 DG Win8.1	01/21/14
10BC0011US	i5-4570S	4GBx1	720p	500G 7200	HD 4400	N7260	None	None	None	Monitor	USB	None	Win7 P64 DG Win8.1	01/21/14
10BC0014US	G1820	2GBx1	720p	500G 7200	Intel HD	N7260	None	None	None	Frame	USB	None	Win7 P64 DG Win8.1	03/04/14
Positioning Processor	Mainstream All-In-One PC for the enterprise Intel® Celeron® G1820 Processor (2 cores / 2 threads, 2.7GHz, 2MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Pentium® G3220 Processor (2 cores / 2 threads, 3.0GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4670S Processor (4 cores / 4 threads, 3.1GHz, 6MB cache), Turbo Boost 2.0 (3.8GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770S Processor (4 cores / 8 threads, 3.1GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Preloaded operating system²⁰ <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit Ready to install applications (only some listed) <ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Device Experience ● ThinkVantage AutoLock ● Desktop Power Manager ● View Management Utility ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Evernote ● Intel AppUp ● Nitro Pro 		
Implementation	Processor in LGA1150 socket													
Memory	16GB max, 1600MHz DDR3L , two 204-pin SODIMM sockets (notebook) *System automatically clocks down for processors with 1333MHz memory controller													
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, external digital monitor support via VGA, supports dual independent display; <i>Maximum resolution:</i> 1600x900 (panel)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)													
DP dongle	None													
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare													
Multi-touch	None													
Camera	Optional camera on top of screen, 1.0-megapixel, fixed focus, supports 720p, with digital microphone, physical switch on/off													
Controls	Side buttons for brightness up, brightness down, and power on/off													
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide													
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high													
Media reader	Optional 7-in-1 Single Slot media reader, via internal USB 2.0													
Chipset	Intel H81 Express Chipset													
Rear ports	Four USB 2.0, ethernet (RJ-45), VGA out connector, optional serial (9-pin), two optional PS/2 ports (keyboard and mouse)													
Side ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
PCIe Mini Card	One PCI Express® Mini Card slot													
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2													
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter													
Ethernet	One gigabit ethernet port, Intel I217-V													
Audio	High Definition (HD) Audio, Realtek ALC269VC													
Speaker	Two internal stereo speakers (2watt x 2)													
Intel AMT	None													
Modem	None													
IEEE 1394	None													
Security chip	Trusted Platform Module (TPM 1.2-compliant)													
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo													
Mouse	Enhanced Optical USB Mouse, Lenovo logo													
Power supply	150 watts, autosensing, 85% PSU													
Mechanical	<ul style="list-style-type: none"> ● Business black color ● Carry handle in rear ● Support VESA mount (100mm) <i>With Frame stand:</i> 19.9" W X 3.56" D X 15.9" H 506mm W X 90.5mm D X 404.75mm H 16.4 lb (7.46 kg) in maximum configuration Adjustable stand (between 10° and 25°) <i>With Monitor stand:</i> 19.9" W X 9.83" D X 16.7" H 506mm W X 249.8mm D X 423.9mm H 19.5 lb (8.84 kg) in maximum configuration Tilt: -5° to 25°; Lift: 110mm; Swivel: +/-45°;											Security <ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● USB port disablement ● Chassis intrusion switch on selected model(s) 		
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant EuP 2013 Certified Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet		

See footnotes for important warranty information
 US model(s) announced September 24 or November 12, 2013 or January 21 or March 4, 2014

Type-model	Processor	Memory ⁸	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial & PS/2 port	Stand type	Key-board/Mouse	Global	Preload	Ann date (mm/dd/yy)
10BC001DUS	i3-4150	8GBx1	720p	256G SSD	HD 4400	7260 b/g/n	None	None	None	Frame	USB	None	Win7 P64 DG Win8.1	10/28/14
10BC001WUS	i7-4790S	4GBx1	720p	180G SSD	HD 4600	7260 b/g/n	Media	None	None	Frame	USB	None	Win7 P64 DG Win8.1	10/28/14
10BC001RUS	i5-4590S	4GBx1	720p	500G 7200	HD 4600	7260 ac	None	None	None	Frame	USB	None	Win7 P64 DG Win8.1	10/28/14
10BC001EUS	i3-4150	4GBx1	720p	1TB 7200	HD 4400	7260 b/g/n	None	None	None	Frame	USB	None	Win7 P64 DG Win8.1	10/28/14
10BC001GUS	i3-4150	4GBx1	720p	500G 7200	HD 4400	7260 b/g/n	None	None	None	Monitor	USB	None	Win7 P64 DG Win8.1	10/28/14
10BC001NUS	i5-4590S	8GBx1	720p	256G SSD	HD 4600	7260 b/g/n	None	None	None	Monitor	USB	None	Win7 P64 DG Win8.1	10/28/14
10BC001SUS	i7-4790S	4GBx1	720p	500G 7200	HD 4600	7260 b/g/n	Media	None	None	Monitor	USB	None	Win7 P64 DG Win8.1	10/28/14
10BC001JUS	i5-4590S	4GBx1	720p	500G 7200	HD 4600	7260 b/g/n	None	None	None	Frame	USB	None	Win7 P64 DG Win8.1	10/28/14
10BC001VUS	i7-4790S	4GBx1	720p	180G SSD	HD 4600	7260 b/g/n	Media	None	None	Monitor	USB	None	Win7 P64 DG Win8.1	10/28/14
10BC001UUS	i7-4790S	8GBx1	720p	256G SSD	HD 4600	7260 b/g/n	Media	None	None	Monitor	USB	None	Win7 P64 DG Win8.1	10/28/14
10BC001HUS	i3-4150	4GBx1	720p	180G SSD	HD 4400	7260 b/g/n	None	None	None	Monitor	USB	None	Win7 P64 DG Win8.1	10/28/14
10BC001TUS	i7-4790S	8GBx1	720p	1TB 7200	HD 4600	7260 b/g/n	Media	None	None	Monitor	USB	None	Win7 P64 DG Win8.1	10/28/14
10BC001CUS	i3-4150	4GBx1	720p	180G SSD	HD 4400	7260 b/g/n	None	None	None	Frame	USB	None	Win7 P64 DG Win8.1	10/28/14
10BC001MUS	i5-4590S	4GBx1	720p	180G SSD	HD 4600	7260 b/g/n	None	None	None	Monitor	USB	None	Win7 P64 DG Win8.1	10/28/14
10BC001LUS	i5-4590S	4GBx1	720p	180G SSD	HD 4600	7260 b/g/n	None	None	None	Frame	USB	None	Win7 P64 DG Win8.1	10/28/14
10BC001FUS	i3-4150	4GBx1	720p	500G 7200	HD 4400	7260 ac	None	None	None	Frame	USB	None	Win7 P64 DG Win8.1	10/28/14
10BC001BUS	i3-4150	4GBx1	720p	500G 7200	HD 4400	7260 b/g/n	None	None	None	Frame	USB	None	Win7 P64 DG Win8.1	10/28/14
10BC001KUS	i5-4590S	4GBx1	720p	1TB 7200	HD 4600	7260 b/g/n	None	None	None	Frame	USB	None	Win7 P64 DG Win8.1	10/28/14
10BC001YUS	i5-4590S	4GBx1	None	500G 7200	HD 4600	None	Media	None	None	Monitor	USB	None	Win7 P64 DG Win8.1	02/03/15

Positioning Processor	<i>Mainstream All-In-One PC for the enterprise</i> Intel® Core™ i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4590S Processor (4 cores / 4 threads, 3.0GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4790S Processor (4 cores / 8 threads, 3.2GHz, 8MB cache), Turbo Boost 2.0 (4.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller	Preloaded operating system²⁰ Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8/8.1 Pro 64-bit Ready to install applications (only some listed)
Implementation	Processor in LGA1150 socket	Ready to install applications (only some listed)
Memory	16GB max, 1600MHz DDR3L , two 204-pin SODIMM sockets (notebook) *System automatically clocks down for processors with 1333MHz memory controller	<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, external digital monitor support via VGA, supports dual independent display; <i>Max resolution: 1600x900 (panel)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blank-ing)</i>	Preloaded applications (only some listed)
DP dongle	None	<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Device Experience ThinkVantage AutoLock Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Nitro Pro
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare	
Multi-touch	None	
Camera	Optional camera on top of screen, 1.0-megapixel, fixed focus, supports 720p, with digital microphone, physical switch on/off	
Controls	Side buttons for brightness up, brightness down, and power on/off	
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide	
Optical Media reader	DVD burner, SATA 1.5Gb/s, 12.7mm high Optional 7-in-1 Single Slot media reader, via internal USB 2.0	
Chipset	Intel H81 Express Chipset	
Rear ports	Four USB 2.0, ethernet (RJ-45), VGA out connector, optional serial (9-pin), two optional PS/2 ports (keyboard and mouse)	
Side ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	<i>Some:</i> 11ac/a/b/g/n wireless, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2	Security
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	<ul style="list-style-type: none"> Security chip (see information on left) Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse USB port disablement Chassis intrusion switch on selected model(s)
Ethernet	One gigabit ethernet port, Intel I217-V	
Audio	High Definition (HD) Audio, Realtek ALC269VC	
Speaker	Two internal stereo speakers (2watt x 2)	
Intel AMT	None	
Modem	None	
IEEE 1394	None	
Security chip	Trusted Platform Module (TPM 1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, Lenovo logo	
Power supply	150 watts, autosensing, 85% PSU	
Mechanical	<ul style="list-style-type: none"> Business black color Carry handle in rear Support VESA mount (100mm) <i>With Frame stand:</i> (WxDxH)19.9" X 3.56" X 15.9"; 506mm X 90.5mm X 404.75mm 16.4 lb (7.46 kg) in maximum configuration Adjustable stand (between 10° and 25°) <i>With Monitor stand:</i> (WxDxH)19.9" X 9.83" X 16.7"; 506mm X 249.8mm X 423.9mm 19.5 lb (8.84 kg) in maximum configuration Tilt: -5° to 25°; Lift: 110mm; Swivel: +/-45°	EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant EuP 2013 Certified Supports ThinkVantage Technologies
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

ThinkCentre M73z (10BC) - TopSeller - IV

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion & PS/2 switch	Serial PS/2 port	Stand type	Key-board/Mouse	Global	Preload	Ann date (mm/dd/yy)
10BC002CUS	G3240	2GBx1	720p	500G 7200	Intel HD	7260 b/g/n	Media	None	None	Monitor	USB	None	Win7 P64 DG Win8.1	03/24/15
10BC002EUS	i5-4590S	4GBx1	720p	500G 7200	HD 4600	7260 b/g/n	Media	None	None	Monitor	USB	None	Win7 P64 DG Win8.1	03/24/15
10BC002DUS	i3-4150	4GBx1	720p	500G 7200	HD 4400	7260 b/g/n	Media	None	None	Monitor	USB	None	Win7 P64 DG Win8.1	03/24/15
10BC002FUS	G3240	4GBx1	720p	500G 7200	Intel HD	7260 b/g/n	Media	None	None	Monitor	USB	None	Win7 P64 DG Win 10	10/27/15
10BC002JUS	i7-4790S	8GBx1	720p	1TB 7200	HD 4600	7260 b/g/n	Media	None	None	Monitor	USB	None	Win7 P64 DG Win 10	10/27/15
10BC002HUS	i5-4590S	4GBx1	720p	500G 7200	HD 4600	7260 b/g/n	Media	None	None	Monitor	USB	None	Win7 P64 DG Win 10	10/27/15
10BC002GUS	i3-4150	4GBx1	720p	500G 7200	HD 4400	7260 b/g/n	Media	None	None	Monitor	USB	None	Win7 P64 DG Win 10	10/27/15

Positioning Processor	<p><i>Mainstream All-In-One PC for the enterprise</i></p> <p>Intel® Pentium® G3240 Processor (2 cores / 2 threads, 3.1GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller</p> <p>Intel Core™ i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller</p> <p>Intel Core i5-4590S Processor (4 cores / 4 threads, 3.0GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p> <p>Intel Core i7-4790S Processor (4 cores / 8 threads, 3.2GHz, 8MB cache), Turbo Boost 2.0 (4.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p> <p>Processor in LGA1150 socket</p>	<p>Preloaded operating system²⁰</p> <p>Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8/8.1 Pro 64-bit</p> <p>Ready to install applications (only some listed)</p> <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager <p>Preloaded applications (only some listed)</p> <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Device Experience • ThinkVantage AutoLock • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote • Nitro Pro
Implementation		
Memory	16GB max, 1600MHz DDR3L , two 204-pin SODIMM sockets (notebook) *System automatically clocks down for processors with 1333MHz memory controller	
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, external digital monitor support via VGA, supports dual independent display; <i>Max resolution: 1600x900 (panel)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blank-ing)</i>	
DP dongle	None	
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare	
Multi-touch	None	
Camera	Optional camera on top of screen, 1.0-megapixel, fixed focus, supports 720p, with digital microphone, physical switch on/off	
Controls	Side buttons for brightness up, brightness down, and power on/off	
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide	
Optical Media reader	DVD burner, SATA 1.5Gb/s, 12.7mm high Optional 7-in-1 Single Slot media reader, via internal USB 2.0	
Chipset	Intel H81 Express Chipset	
Rear ports	Four USB 2.0, ethernet (RJ-45), VGA out connector, optional serial (9-pin), two optional PS/2 ports (keyboard and mouse)	
Side ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	<i>Some:</i> 11ac/a/b/g/n wireless, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2	
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
Ethernet	One gigabit ethernet port, Intel I217-V	
Audio	High Definition (HD) Audio, Realtek ALC269VC	
Speaker	Two internal stereo speakers (2watt x 2)	
Intel AMT	None	
Modem	None	
IEEE 1394	None	
Security chip	Trusted Platform Module (TPM 1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, Lenovo logo	
Power supply	150 watts, autosensing, 85% PSU	
Mechanical	<ul style="list-style-type: none"> • Business black color • Carry handle in rear • Support VESA mount (100mm) <p><i>With Frame stand:</i> (WxDxH)19.9" X 3.56" X 15.9"; 506mm X 90.5mm X 404.75mm 16.4 lb (7.46 kg) in maximum configuration Adjustable stand (between 10° and 25°)</p> <p><i>With Monitor stand:</i> (WxDxH)19.9" X 9.83" X 16.7"; 506mm X 249.8mm X 423.9mm 19.5 lb (8.84 kg) in maximum configuration Tilt: -5° to 25°; Lift: 110mm; Swivel: +/-45°</p>	<p>Security</p> <ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement • <i>Chassis intrusion switch on selected model(s)</i> <p>EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant EuP 2013 Certified</p> <p>Supports ThinkVantage Technologies</p> <p>For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet</p>
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	

See footnotes for important warranty information

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(MDST1-10) October 2015

ThinkCentre M73z (10BC) - TopSeller (Win8)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial & PS/2 port	Stand type	Key-board/Mouse Global	Preload	Ann date (mm/dd/yy)
10BC000AUS	i5-4570S	4GBx1 1600MHz	720p	500GB 7200	HD 4600	N2230	Media	None	None	Frame	USB	None	Win8 Pro64 09/24/13

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Mainstream All-In-One PC for the enterprise</i>										Preloaded operating system
Processor	Intel® Core™ i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller										Windows® 8 Pro 64-bit
Implementation	Processor in LGA1150 socket										Web install applications (only some listed)
Memory	16GB max, 1600MHz DDR3L , two 204-pin SODIMM sockets (notebook)										<ul style="list-style-type: none"> • Password Manager
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, external digital monitor support via VGA, supports dual independent display; <i>Maximum resolution: 1600x900 (panel)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>										Preloaded applications (only some listed)
DP dongle	None										<ul style="list-style-type: none"> • ThinkVantage System Update • ThinkVantage AutoLock • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Support • Lenovo Companion • Norton Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote® • Intel AppUp • Nitro Pro • AccuWeather • Norton™ Studio
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare										
Multi-touch	None										
Camera	Optional camera on top of screen, 1.0-megapixel, fixed focus, supports 720p, with digital microphone, physical switch on/off										
Controls	Side buttons for brightness up, brightness down, and power on/off										
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm										
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high										
Media reader	Optional 7-in-1 Single Slot media reader, via internal USB 2.0										
Chipset	Intel H81 Express Chipset										
Rear ports	Four USB 2.0, ethernet (RJ-45), VGA out connector, optional serial (9-pin), two optional PS/2 ports (keyboard and mouse)										
Side ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)										
PCIe Mini Card	One PCI Express® Mini Card slot										
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2										
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter										
Ethernet	One gigabit ethernet port, Intel I217-V										
Audio	High Definition (HD) Audio, Realtek ALC269VC										
Speaker	Two internal stereo speakers (2watt x 2)										
Intel AMT	None										
Modem	None										
IEEE 1394	None										
Security chip	Trusted Platform Module (TPM 1.2-compliant)										Security
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo										<ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement • <i>Chassis intrusion switch on selected model(s)</i>
Mouse	Enhanced Optical USB Mouse, Lenovo logo										
Power supply	150 watts, autosensing, 85% PSU										
Mechanical	<ul style="list-style-type: none"> • Business black color • Carry handle in rear • Support VESA mount (100mm) <p><i>With Frame stand:</i> 19.9" W X 3.56" D X 15.9" H 506mm W X 90.5mm D X 404.75mm H 16.4 lb (7.46 kg) in maximum configuration Adjustable stand (between 10° and 25°)</p> <p><i>With Monitor stand:</i> 19.9" W X 9.83" D X 16.7" H 506mm W X 249.8mm D X 423.9mm H 19.5 lb (8.84 kg) in maximum configuration Tilt: -5° to 25°; Lift: 110mm; Swivel: +/-45°;</p>										EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant EuP 2013 Certified
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										Supports ThinkVantage Technologies
											For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
US model(s) announced September 24, 2012

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(MDST1-3) September 2013

ThinkCentre M73z (10BC) - TopSeller (Win10)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial & PS/2 port	Stand type	Key-board/Mouse	Global	Preload	Ann date (mm/dd/yy)
10BC002VUS	i5-4590S	4GBx1 1600MHz	720p	250G 7200	HD 4600	N7260	Media	None	None	Monitor	USB	No	Win10 Pro64	10/20/15
10BC002WUS	i3-4150	4GBx1 1600MHz	720p	500G 7200	HD 4400	N7260	Media	None	None	Monitor	USB	No	Win10 Pro64	10/20/15

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Mainstream All-In-One PC for the enterprise</i>											Preloaded operating system
Processor	Intel® Core™ i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller											Windows® 10 Pro 64-bit
Implementation	Processor in LGA1150 socket											Preloaded applications (only some listed)
Memory	16GB max, 1600MHz DDR3L , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> • Lenovo Companion • Lenovo Solution Center • Lenovo SHAREit • Lenovo REACHit • Desktop Power Manager • PC Device Stage • Microsoft® Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial) • Cyberlink PowerDVD (DVD±RW, DVD) • PowerDVD Create (DVD±RW)
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, external digital monitor support via VGA, supports dual independent display; <i>Maximum resolution: 1600x900 (panel)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>											
DP dongle	None											
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare											
Multi-touch	None											
Camera	Optional camera on top of screen, 1.0-megapixel, fixed focus, supports 720p, with digital microphone, physical switch on/off											
Controls	Side buttons for brightness up, brightness down, and power on/off											
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm											
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high											
Media reader	Optional 7-in-1 Single Slot media reader, via internal USB 2.0											
Chipset	Intel H81 Express Chipset											
Rear ports	Four USB 2.0, ethernet (RJ-45), VGA out connector, optional serial (9-pin), two optional PS/2 ports (keyboard and mouse)											
Side ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
PCIe Mini Card	One PCI Express® Mini Card slot											
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2											
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter											
Ethernet	One gigabit ethernet port, Intel I217-V											
Audio	High Definition (HD) Audio, Realtek ALC269VC											
Speaker	Two internal stereo speakers (2watt x 2)											
Intel AMT	None											
Modem	None											
IEEE 1394	None											
Security chip	Trusted Platform Module (TPM 1.2-compliant)											Security
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo											<ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement • Chassis intrusion switch on selected model(s)
Mouse	Enhanced Optical USB Mouse, Lenovo logo											
Power supply	150 watts, autosensing, 85% PSU											
Mechanical	<ul style="list-style-type: none"> • Business black color • Carry handle in rear • Support VESA mount (100mm) <p><i>With Frame stand:</i> 19.9" W X 3.56" D X 15.9" H 506mm W X 90.5mm D X 404.75mm H 16.4 lb (7.46 kg) in maximum configuration Adjustable stand (between 10° and 25°)</p> <p><i>With Monitor stand:</i> 19.9" W X 9.83" D X 16.7" H 506mm W X 249.8mm D X 423.9mm H 19.5 lb (8.84 kg) in maximum configuration Tilt: -5° to 25°; Lift: 110mm; Swivel: +/-45°;</p>											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant EuP 2013 Certified
												Supports ThinkVantage Technologies
												For compatible accessories, please go to TC-AQP sheet;
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
US model(s) announced September 24, 2012

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ThinkCentre M73z (10BB)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial & PS/2 port	Stand type	Key-board/Mouse	Global	Preload	Ann date (mm/dd/yy)
10BB0000US	i7-4770S	8GBx1 1600MHz	720p	1TB Hybrid	HD 4600	N2230	Media	None	S P	Monitor	USB	None	Win7 Pro64	09/24/13
10BB000FUS	i5-4570S	4GBx1 1600MHz	720p	500G 7200	HD 4600	N2230	Media	None	None	Monitor	USB	None	Win7 Pro64 DG	09/24/13
10BB000GUS	i7-4770S	8GBx1 1600MHz	720p	500G Hybrid	HD 4600	N2230	Media	None	None	Monitor	USB	None	Win7 Pro64 DG	09/24/13
10BB000HUS	i5-4430S	4GBx1 1600MHz	720p	500G 7200	HD 4600	N105	None	None	None	Frame	USB	None	Win7 Pro64 DG	09/24/13
10BB000JUS	i5-4570S	4GBx1 1600MHz	720p	500G Hybrid	HD 4600	N2230	Media	None	S P	Monitor	2.4G	None	Win7 Pro64 DG	09/24/13
10BB001EUS	i7-4770S	8GBx1 1600MHz	720p	1TB 7200	HD 4600	N2230	Media	None	None	Monitor	USB	None	Win7 Pro64 DG	09/24/13
10BB001FUS	i5-4570S	4GBx1 1600MHz	720p	500G 7200	HD 4600	N105	None	None	None	Frame	USB	None	Win7 Pro64 DG	09/24/13
10BB0021US	i3-4130	4GBx1 1600MHz	720p	500G 7200	HD 4400	N2230	None	None	None	Monitor	USB	None	Win7 Pro64 DG	09/24/13
10BB0022US	G3220	2GBx1 1600MHz	720p	500G 7200	Intel HD	N105	None	None	None	Monitor	USB	None	Win7 Pro64 DG	09/24/13
10BB0023US	i3-4130	4GBx1 1600MHz	720p	500G Hybrid	HD 4400	N2230	None	None	None	Monitor	USB	None	Win7 Pro64 DG	09/24/13

Positioning	<i>Mainstream All-In-One PC for the enterprise</i>										Preloaded operating system²⁰			
Processor	Intel® Pentium® G3220 Processor (2 cores / 2 threads, 3.0GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4430S Processor (4 cores / 4 threads, 2.7GHz, 6MB cache), Turbo Boost 2.0 (3.2GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770S Processor (4 cores / 8 threads, 3.1GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket										Some: Windows 7 Professional 64 Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit			
Implementation	Processor in LGA1150 socket										Ready to install applications (only some listed)			
Memory	16GB max, 1600MHz DDR3L , two 204-pin SODIMM sockets (notebook) *System automatically clocks down for processors with 1333MHz memory controller										<ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager 			
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, external digital monitor support via VGA, supports dual independent display; <i>Maximum resolution: 1600x900 (panel)@60Hz;</i> 1920x1200 (VGA)@60Hz (Reduced Blanking)										Preloaded applications (only some listed) <ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Device Experience ● ThinkVantage AutoLock ● Desktop Power Manager ● View Management Utility ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Evernote ● Intel AppUp ● Nitro Pro 			
DP dongle	None													
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare													
Multi-touch	None													
Camera	Optional camera on top of screen, 1.0-megapixel, fixed focus, supports 720p, with digital microphone, physical switch on/off													
Controls	Side buttons for brightness up, brightness down, and power on/off													
Disk	Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm Some: 1TB (7200 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 3.5" wide Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide													
Optical Media reader	DVD burner, SATA 1.5Gb/s, 12.7mm high Optional 7-in-1 Single Slot media reader, via internal USB 2.0													
Chipset	Intel H81 Express Chipset													
Rear ports	Four USB 2.0, ethernet (RJ-45), VGA out connector, optional serial (9-pin), two optional PS/2 ports (keyboard and mouse)													
Side ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
PCIe Mini Card	One PCI Express® Mini Card slot													
PCIe WLAN	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2													
Bluetooth	Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter													
Ethernet	One gigabit ethernet port, Intel I217-V										Security			
Audio	High Definition (HD) Audio, Realtek ALC269VC										<ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● USB port disablement ● Chassis intrusion switch on selected model(s) 			
Speaker	Two internal stereo speakers (2watt x 2)													
Intel AMT	None													
Modem	None													
IEEE 1394	None													
Security chip	Trusted Platform Module (TPM 1.2-compliant)													
Keyboard	Some: Preferred Pro USB Keyboard (USB connector), Lenovo® logo Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black													
Mouse	Some: Enhanced Optical USB Mouse, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black													
Power supply	150 watts, autosensing, 85% PSU													
Mechanical	<ul style="list-style-type: none"> ● Business black color ● Carry handle in rear ● Support VESA mount (100mm) With <i>Frame stand</i> : 19.9" W X 3.56" D X 15.9" H 506mm W X 90.5mm D X 404.75mm H 16.4 lb (7.46 kg) in maximum configuration Adjustable stand (between 10° and 25°) With <i>Monitor stand</i> : 19.9" W X 9.83" D X 16.7" H 506mm W X 249.8mm D X 423.9mm H 19.5 lb (8.84 kg) in maximum configuration Tilt: -5° to 25°; Lift: 110mm; Swivel: +/-45°;										EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant EuP 2013 Certified Supports ThinkVantage Technologies			
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			

ThinkCentre M73z (10BB) - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial & PS/2 port	Stand type	Key-board/Mouse	Global	Preload	Ann date (mm/yy)
10BB0053US	i7-4790S	4GBx2 1600MHz	720p	1TB 7200	HD 4600	N7260	Media	None	None	Monitor	USB	None	Win7 P64 DG	Win8.1 11/14
10BBA0JJUS	i3-4150	4GBx1 1600MHz	720p	500G 7200	HD 4400	N7260	Media	None	None	Frame	USB	None	Win7 P64 DG	Win8.1 11/14
10BB0052US	i5-4590S	4GBx1 1600MHz	720p	500G 7200	HD 4600	N7260	Media	None	None	Monitor	USB	None	Win7 P64 DG	Win8.1 11/14

Positioning	<i>Mainstream All-In-One PC for the enterprise</i>										Preloaded operating system²⁰			
Processor	Intel® Core™ i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4590S Processor (4 cores / 4 threads, 3.0GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4790S Processor (4 cores / 8 threads, 3.2GHz, 8MB cache), Turbo Boost 2.0 (4.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller										<i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8/8.1 Pro 64-bit			
Implementation	Processor in LGA1150 socket										Ready to install applications (only some listed)			
Memory	16GB max, 1600MHz DDR3L , two 204-pin SODIMM sockets (notebook) *System automatically clocks down for processors with 1333MHz memory controller										<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 			
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, external digital monitor support via VGA, supports dual independent display; <i>Maximum resolution:</i> 1600x900 (panel)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)										Preloaded applications (only some listed)			
DP dongle	None										<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Device Experience ThinkVantage AutoLock Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Nitro Pro 			
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare													
Multi-touch	None													
Camera	Optional camera on top of screen, 1.0-megapixel, fixed focus, supports 720p, with digital microphone, physical switch on/off													
Controls	Side buttons for brightness up, brightness down, and power on/off													
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 1TB (7200 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 3.5" wide <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide													
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high													
Media reader	Optional 7-in-1 Single Slot media reader, via internal USB 2.0													
Chipset	Intel H81 Express Chipset													
Rear ports	Four USB 2.0, ethernet (RJ-45), VGA out connector, optional serial (9-pin), two optional PS/2 ports (keyboard and mouse)													
Side ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
PCIe Mini Card	One PCI Express® Mini Card slot													
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2													
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter													
Ethernet	One gigabit ethernet port, Intel I217-V													
Audio	High Definition (HD) Audio, Realtek ALC269VC													
Speaker	Two internal stereo speakers (2watt x 2)													
Intel AMT	None													
Modem	None													
IEEE 1394	None													
Security chip	Trusted Platform Module (TPM 1.2-compliant)										Security <ul style="list-style-type: none"> Security chip (see information on left) Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse USB port disablement Chassis intrusion switch on selected model(s) 			
Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo® logo <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black										EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant EuP 2013 Certified			
Mouse	<i>Some:</i> Enhanced Optical USB Mouse, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black										Supports ThinkVantage Technologies			
Power supply	150 watts, autosensing, 85% PSU										For compatible accessories, please go to TC-AQP sheet;			
Mechanical	<ul style="list-style-type: none"> Business black color Carry handle in rear Support VESA mount (100mm) <i>With Frame stand:</i> 19.9" W X 3.56" D X 15.9" H 506mm W X 90.5mm D X 404.75mm H 16.4 lb (7.46 kg) in maximum configuration Adjustable stand (between 10° and 25°) <i>With Monitor stand:</i> 19.9" W X 9.83" D X 16.7" H 506mm W X 249.8mm D X 423.9mm H 19.5 lb (8.84 kg) in maximum configuration Tilt: -5° to 25°; Lift: 110mm; Swivel: +/-45°;										For Lenovo service upgrade options, please go to S-TC sheet			
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available													

See footnotes for important warranty information

ThinkCentre M73z (10BB) - OID

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Chassis intrusion switch	Serial & PS/2 port	Stand type	Key-board/Mouse	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10BB000EUS	i5-4570S	4GBx1 1600MHz	720p	500G 7200	HD 4600	N2230	Media	Switch	None	Monitor	USB	G O	Win7 Pro64 DG	09/24/13
10BB001DUS	i5-4570S	4GBx1 1600MHz	720p	500G 7200	HD 4600	N2230	Media	Switch	None	Frame	USB	G O	Win7 Pro64	09/24/13
10BB002VUS	i3-4130	4GBx1 1600MHz	720p	500G 7200	HD 4400	N2230	Media	Switch	None	Monitor	USB	G O	Win7 Pro64 DG	09/24/13
10BB004QUS	i5-4590S	4GBx1 1600MHz	720p	500G 7200	HD 4600	N2230	Media	Switch	None	Frame	USB	G O	Win7 Pro64	06/24/14
10BB004TUS	i5-4590S	4GBx1 1600MHz	720p	500G 7200	HD 4600	N7260	Media	Switch	None	Frame	USB	G O	Win7 Pro64	06/24/14
10BB005WUS	i3-4150	4GBx1 1600MHz	720p	500G 7200	HD 4400	N7260	Media	Switch	None	Monitor	USB	G O	Win7 P64 DG Win 10	10/27/15

• Onsite International Delivery (OID)

Positioning Processor	<i>Mainstream All-In-One PC for the enterprise</i> Intel® Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4590S Processor (4 cores / 4 threads, 3.0GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket	Preloaded operating system²⁰ <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8/10 Pro 64-bit Ready to install applications (only some listed) • Rescue and Recovery™ • Password Manager
Implementation	Processor in LGA1150 socket	Preloaded applications (only some listed) • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Device Experience • ThinkVantage AutoLock • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote • Intel AppUp • Nitro Pro
Memory	16GB max, 1600MHz DDR3L , two 204-pin SODIMM sockets (notebook)	
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, external digital monitor support via VGA, supports dual independent display; <i>Maximum resolution:</i> 1600x900 (panel) @ 60Hz; 1920x1200 (VGA) @ 60Hz (Reduced Blanking)	Security • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement • <i>Chassis intrusion switch on selected model(s)</i>
DP dongle	None	
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare	
Multi-touch	None	
Camera	Optional camera on top of screen, 1.0-megapixel, fixed focus, supports 720p, with digital microphone, physical switch on/off	
Controls	Side buttons for brightness up, brightness down, and power on/off	
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm	
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high	
Media reader	Optional 7-in-1 Single Slot media reader, via internal USB 2.0	
Chipset	Intel H81 Express Chipset	
Rear ports	Four USB 2.0, ethernet (RJ-45), VGA out connector, optional serial (9-pin), two optional PS/2 ports (keyboard and mouse)	
Side ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2	
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
Ethernet	One gigabit ethernet port, Intel I217-V	
Audio	High Definition (HD) Audio, Realtek ALC269VC	
Speaker	Two internal stereo speakers (2watt x 2)	
Intel AMT	None	
Modem	None	
IEEE 1394	None	
Security chip	Trusted Platform Module (TPM 1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, Lenovo logo	
Power supply	150 watts, autosensing, 85% PSU	
Mechanical	• Business black color • Carry handle in rear • Support VESA mount (100mm) <i>With Frame stand:</i> 19.9" W X 3.56" D X 15.9" H 506mm W X 90.5mm D X 404.75mm H 16.4 lb (7.46 kg) in maximum configuration Adjustable stand (between 10° and 25°) <i>With Monitor stand:</i> 19.9" W X 9.83" D X 16.7" H 506mm W X 249.8mm D X 423.9mm H 19.5 lb (8.84 kg) in maximum configuration Tilt: -5° to 25°; Lift: 110mm; Swivel: +/-45°;	EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant EuP 2013 Certified Supports ThinkVantage Technologies
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information

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ThinkCentre M73z (10BB) - OID (Win8/8.1)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Chassis Media intrusion reader switch	Serial & PS/2 port	Stand type	Key-board/ Mouse	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10BB001CUS	i5-4570S	4GBx1 1600MHz	720p	500G 7200	HD 4600	N2230	Media Switch	None	Frame	USB	G O	Win8 Pro64	09/24/13
10BB003VUS	i5-4570S	4GBx1 1600MHz	720p	500G 7200	HD 4600	N7260	Media Switch	None	Frame	USB	G O	Win8.1 Pro64	02/25/14
10BB004PUS	i5-4590S	4GBx1 1600MHz	720p	500G 7200	HD 4600	N7260	Media Switch	None	Frame	USB	G O	Win8.1 Pro64	06/24/14

- Onsite International Delivery (OID)

Positioning	<i>Mainstream All-In-One PC for the enterprise</i>											Preloaded operating system
Processor	Intel® Core™ i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4590S Processor (4 cores / 4 threads, 3.0GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Some: Windows® 8 Pro 64-bit Some: Windows 8.1 Pro 64-bit
Implementation	Processor in LGA1150 socket											Web install applications (only some listed)
Memory	16GB max, 1600MHz DDR3L , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> • Password Manager
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, external digital monitor support via VGA, supports dual independent display; <i>Maximum resolution:</i> 1600x900 (panel)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)											Preloaded applications (only some listed)
DP dongle	None											<ul style="list-style-type: none"> • ThinkVantage System Update • ThinkVantage AutoLock • Desktop Power Manager • View Management Utility (for Windows 8 only) • Lenovo Cloud Storage by SugarSync (for Windows 8 only) • Lenovo Solution Center • Lenovo Support • Lenovo Companion • Norton Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote® • Intel AppUp • Nitro Pro • AccuWeather • Norton™ Studio • Pokki (for Windows 8.1 only) • Hightail (for Windows 8.1 only)
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare											
Multi-touch	None											
Camera	Optional camera on top of screen, 1.0-megapixel, fixed focus, supports 720p, with digital microphone, physical switch on/off											
Controls	Side buttons for brightness up, brightness down, and power on/off											
Disk	Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm											
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high											
Media reader	Optional 7-in-1 Single Slot media reader, via internal USB 2.0											
Chipset	Intel H81 Express Chipset											
Rear ports	Four USB 2.0, ethernet (RJ-45), VGA out connector, optional serial (9-pin), two optional PS/2 ports (keyboard and mouse)											
Side ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
PCIe Mini Card	One PCI Express® Mini Card slot											
PCIe WLAN	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2											
Bluetooth	Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter											
Ethernet	One gigabit ethernet port, Intel I217-V											
Audio	High Definition (HD) Audio, Realtek ALC269VC											
Speaker	Two internal stereo speakers (2watt x 2)											
Intel AMT	None											
Modem	None											
IEEE 1394	None											
Security chip	Trusted Platform Module (TPM 1.2-compliant)											
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, Lenovo logo											
Power supply	150 watts, autosensing, 85% PSU											
Mechanical	<ul style="list-style-type: none"> • Business black color • Carry handle in rear • Support VESA mount (100mm) With Frame stand: 19.9" W X 3.56" D X 15.9" H 506mm W X 90.5mm D X 404.75mm H 16.4 lb (7.46 kg) in maximum configuration Adjustable stand (between 10° and 25°) With Monitor stand: 19.9" W X 9.83" D X 16.7" H 506mm W X 249.8mm D X 423.9mm H 19.5 lb (8.84 kg) in maximum configuration Tilt: -5° to 25°; Lift: 110mm; Swivel: +/-45°;											Security <ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement • Chassis intrusion switch on selected model(s) EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant EuP 2013 Certified
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information

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ThinkCentre M73z (10BB) - OID (Win10)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media intrusion reader	Chassis intrusion switch	Serial & PS/2 port	Stand type	Key-board/ Mouse	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10BB005XUS	i5-4590S	4GBx1 1600MHz	720p	500G 7200 opal	HD 4600	N7260	Media	Switch	None	Monitor	USB	G O	Win10 Pro64	10/20/15

- Onsite International Delivery (OID)

Positioning	<i>Mainstream All-In-One PC for the enterprise</i>										<p>Preloaded operating system</p> <p>Windows® 10 Pro 64-bit</p> <p>Preloaded applications (only some listed)</p> <ul style="list-style-type: none"> • Lenovo Companion • Lenovo Solution Center • Lenovo SHAREit • Lenovo REACHit • Desktop Power Manager • PC Device Stage • Microsoft® Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial) • Cyberlink PowerDVD (DVD±RW, DVD) • PowerDVD Create (DVD±RW)
Processor	<p>Intel® Core™ i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller</p> <p>Intel Core i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p> <p>Intel Core i5-4590S Processor (4 cores / 4 threads, 3.0GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p>										
Implementation	Processor in LGA1150 socket										
Memory	16GB max, 1600MHz DDR3L , two 204-pin SODIMM sockets (notebook)										
Graphics	<p>Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, external digital monitor support via VGA, supports dual independent display;</p> <p><i>Maximum resolution: 1600x900 (panel)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i></p>										
DP dongle	None										
Display	20.0" (508mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare										
Multi-touch	None										
Camera	Optional camera on top of screen, 1.0-megapixel, fixed focus, supports 720p, with digital microphone, physical switch on/off										
Controls	Side buttons for brightness up, brightness down, and power on/off										
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm										
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high										
Media reader	Optional 7-in-1 Single Slot media reader, via internal USB 2.0										
Chipset	Intel H81 Express Chipset										
Rear ports	Four USB 2.0, ethernet (RJ-45), VGA out connector, optional serial (9-pin), two optional PS/2 ports (keyboard and mouse)										
Side ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)										
PCIe Mini Card	One PCI Express® Mini Card slot										
PCIe WLAN	<p><i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2</p> <p><i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2</p>										
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter										
Ethernet	One gigabit ethernet port, Intel I217-V										
Audio	High Definition (HD) Audio, Realtek ALC269VC										
Speaker	Two internal stereo speakers (2watt x 2)										
Intel AMT	None										
Modem	None										
IEEE 1394	None										
Security chip	Trusted Platform Module (TPM 1.2-compliant)										
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, Lenovo logo										
Power supply	150 watts, autosensing, 85% PSU										
Mechanical	<ul style="list-style-type: none"> • Business black color • Carry handle in rear • Support VESA mount (100mm) <p><i>With Frame stand:</i> 19.9" W X 3.56" D X 15.9" H 506mm W X 90.5mm D X 404.75mm H 16.4 lb (7.46 kg) in maximum configuration Adjustable stand (between 10° and 25°)</p> <p><i>With Monitor stand:</i> 19.9" W X 9.83" D X 16.7" H 506mm W X 249.8mm D X 423.9mm H 19.5 lb (8.84 kg) in maximum configuration Tilt: -5° to 25°; Lift: 110mm; Swivel: +/-45°;</p>										
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										
	<p>Security</p> <ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement • Chassis intrusion switch on selected model(s) <p>EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant EuP 2013 Certified</p> <p>Supports ThinkVantage Technologies</p> <p>For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet</p>										

See footnotes for important warranty information

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(MDST1-11) October 2015



ThinkCentre M700z with Full Function monitor stand



ThinkCentre M700z with Full Function monitor stand



ThinkCentre M700z with Full Function monitor stand



ThinkCentre M700z with Full Function monitor stand



ThinkCentre M700z with Full Function monitor stand



ThinkCentre M700z with Full Function monitor stand

ThinkCentre M700z Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor						Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo Slim USB Keyboard (USB connector), black <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black <i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																		
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Mouse																			
	Celeron G3900T	2 / 2	2.6 G	2 MB	DDR4-2133	HD 510	Mechanical	<ul style="list-style-type: none"> • Business black color • Toolless stand • Support VESA mount (100mm) 																		
	Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510		<table border="1"> <thead> <tr> <th></th> <th>Dimensions (WxDxH)</th> <th>Max weight (lb / kg)</th> <th>Adjustments</th> </tr> </thead> <tbody> <tr> <td>Without stand:</td> <td>19.8 X 1.5 X 13.5 (inch); 503 X 38 X 344 (mm)</td> <td>10.2 / 4.62</td> <td>N/A</td> </tr> <tr> <td>With Basic Monitor stand:</td> <td>19.8 X 9.6 X 16.2 (inch); 503 X 245 X 412 (mm)</td> <td>14.6 / 6.6</td> <td>Tilt: 45° back, -5° forward</td> </tr> <tr> <td>With Full Function Monitor stand:</td> <td>19.8 X 9.6 X 15.7 (inch); 503 X 245 X 400 (mm)</td> <td>14.9 / 6.77</td> <td>Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45°</td> </tr> </tbody> </table>				Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments	Without stand:	19.8 X 1.5 X 13.5 (inch); 503 X 38 X 344 (mm)	10.2 / 4.62	N/A	With Basic Monitor stand:	19.8 X 9.6 X 16.2 (inch); 503 X 245 X 412 (mm)	14.6 / 6.6	Tilt: 45° back, -5° forward	With Full Function Monitor stand:	19.8 X 9.6 X 15.7 (inch); 503 X 245 X 400 (mm)	14.9 / 6.77	Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45°
		Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments																						
	Without stand:	19.8 X 1.5 X 13.5 (inch); 503 X 38 X 344 (mm)	10.2 / 4.62	N/A																						
	With Basic Monitor stand:	19.8 X 9.6 X 16.2 (inch); 503 X 245 X 412 (mm)	14.6 / 6.6	Tilt: 45° back, -5° forward																						
	With Full Function Monitor stand:	19.8 X 9.6 X 15.7 (inch); 503 X 245 X 400 (mm)	14.9 / 6.77	Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45°																						
Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530	Power supply	120 watts adapter, autosensing, 89% PSU																			
Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530	Limited warranty ³	<i>Some:</i> 1-year or 3-year, depot repair service <i>Some:</i> 1-year or 3-year, limited onsite service <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / <i>For Lenovo service upgrade options, please go to S-TC sheet</i>																			
Core i5-6500T	4 / 4	2.5 G / 3.1 G	6 MB	DDR4-2133	HD 530	Preload	Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit Preloaded applications (only some listed) <ul style="list-style-type: none"> • Desktop Power Manager • Lenovo Solution Center • Lenovo REACHit • Lenovo SHAREit • Lenovo Bluetooth Lock (for models with Wi-Fi/BT card) • McAfee® LiveSafe™ (30-day trial) • Microsoft Office preloaded; purchase a product key to activate • PowerDVD Create (DVD±RW) • Lenovo ThinkVantage Tools - Only for Window 10 • Lenovo Companion • Cyberlink PowerDVD (DVD, DVD±RW) • Lenovo QuickOptimizer - Only for Window 7 • Rescue and Recovery • Password Manager • ThinkVantage System Update • Lenovo Message Center Plus • Adobe® Reader® 																			
Core i5-6600T	4 / 4	2.7 G / 3.5 G	6 MB	DDR4-2133	HD 530	Environment	EPEAT™ Gold rating; ENERGY STAR® 6.1; TCO Certified; ErP Lot 3; GREENGUARD® certified; RoHS-compliant																			
Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530	Accessories	For compatible accessories, please go to TC-AQP sheet																			
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable																									
Disk	<i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm <i>Some:</i> Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide																									
Optical	<i>Some:</i> DVD, SATA 1.5Gb/s, 9.5mm high <i>Some:</i> DVD burner, SATA 1.5Gb/s, 9.5mm high																									
Media reader	Optional 9-in-1 media card reader																									
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™; <i>Max resolution:</i> 4096x2304 (DP)@60Hz																									
Display	20" (508mm) HD+ (1600x900) TFT color , wide viewing angle 178° (Horizontal), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare																									
Light sensor	None																									
Multi-touch	None																									
Camera	Optional 1.0-megapixel camera, fixed focus, supports 720p, with digital microphone, LED indicator, physical switch on/off																									
Controls	Microphone mute, brightness up/down buttons, and power button																									
Chipset	Intel H110 Chipset																									
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort, optional serial (9-pin), Two USB 3.0 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)																									
Side ports	One M.2 Card slot (for WLAN)																									
M.2 card slot	High Definition (HD) Audio, Realtek ALC233 / two internal stereo speakers (2W x 2), Dolby® Audio™ certified																									
Audio support	<i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2																									
WLAN ¹³	<i>Some:</i> Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter																									
Bluetooth™	Gigabit ethernet, Realtek RTL8111G, Wake on LAN®																									
Ethernet	None																									
Manageability	Trusted Platform Module (TPM 1.2-compliant)																									
Security chip	<ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Smart USB protection, allows keyboard/mouse only, blocks all storage devices • Power-on, admin, hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional Chassis intrusion switch 																									
Security features																										

See footnotes for more detailed information

ThinkCentre M700z (10EY) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Multi-Touch	Graphics	DP Dongle	Camera	Storage	Optical	WLAN	Media reader	Serial port	Chassis intrusion switch	Stand type	Keyboard/Mouse vPro	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)	
10EY0006US	i3-6100T	8GBx1	20" HD+	No	Intel HD 530	None	720p	256GB SSD	DVD±RW	3165 ac	Media	None	None	Monitor	USB	No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10EY0007US	i3-6100T	4GBx1	20" HD+	No	Intel HD 530	None	720p	120GB SSD	DVD±RW	3165 ac	Media	None	None	Monitor	USB	No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10EY0008US	i5-6400T	4GBx1	20" HD+	No	Intel HD 530	None	720p	120GB SSD	DVD±RW	3165 ac	Media	None	None	Monitor	USB	No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10EY0009US	G3900T	4GBx1	20" HD+	No	Intel HD 510	None	720p	500GB 7200	DVD±RW	3165 ac	Media	None	None	Monitor	USB	No	3-onsite	No	Windows 10 Pro 64	12/15
10EY000AUS	i7-6700T	8GBx1	20" HD+	No	Intel HD 530	None	720p	256GB SSD	DVD±RW	3165 ac	Media	None	None	Monitor	USB	No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10EY000BUS	i3-6100T	8GBx1	20" HD+	No	Intel HD 530	None	720p	500GB 7200	DVD±RW	3165 ac	Media	None	None	Monitor	USB	No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10EY000CUS	i7-6700T	4GBx1	20" HD+	No	Intel HD 530	None	720p	500GB 7200	DVD±RW	3165 ac	Media	None	None	Monitor	USB	No	3-onsite	No	Windows 10 Pro 64	12/15
10EY000DUS	i7-6700T	4GBx1	20" HD+	No	Intel HD 530	None	720p	120GB SSD	DVD±RW	3165 ac	Media	None	None	Monitor	USB	No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10EY000EUS	i3-6100T	4GBx1	20" HD+	No	Intel HD 530	None	720p	500GB 7200	DVD±RW	3165 ac	Media	None	None	Monitor	USB	No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10EY000FUS	i5-6400T	8GBx1	20" HD+	No	Intel HD 530	None	720p	500GB 7200	DVD±RW	3165 ac	Media	None	None	Monitor	USB	No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10EY000GUS	i7-6700T	4GBx1	20" HD+	No	Intel HD 530	None	720p	500GB 7200	DVD±RW	3165 ac	Media	None	None	Monitor	USB	No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10EY000HUS	G4400T	4GBx1	20" HD+	No	Intel HD 510	None	720p	500GB 7200	DVD±RW	3165 ac	Media	None	None	Monitor	USB	No	3-onsite	No	Windows 10 Pro 64	12/15

Country Code"+": AT (Austria), FR (France), GB (Germany w/ English OS), GE (Germany w/ German OS), IV (Israel), IW (Iceland), IX (Italy), MB (Belgium), MD (Denmark), MH (Netherlands), ML (Luxembourg), MN (Norway), MS (Sweden), MZ (Switzerland), NX (Netherlands), PG (Portugal), SP (Spain), UK (United Kingdom)

Note: models listed above might not be available in all WE countries

- For detailed platform specifications, please see [ThinkCentre M700z Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor						Audio support	High Definition (HD) Audio, Realtek ALC233 / two internal stereo speakers (2W x 2), Dolby® Audio™ certified	
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	WLAN ¹³ <i>Some:</i> 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 <i>Some:</i> 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 <i>Some:</i> 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 <i>Some:</i> 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Bluetooth™ Ethernet Manageability Security chip Security features		
	Celeron G3900T	2 / 2	2.6 G	2 MB	DDR4-2133	HD 510			
	Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510			
	Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530			
	Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530			
	Core i5-6500T	4 / 4	2.5 G / 3.1 G	6 MB	DDR4-2133	HD 530			
	Core i5-6600T	4 / 4	2.7 G / 3.5 G	6 MB	DDR4-2133	HD 530			
Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530				
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable						Keyboard	Mouse	
Disk	<i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm <i>Some:</i> Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide								
Optical	<i>Some:</i> DVD, SATA 1.5Gb/s, 9.5mm high <i>Some:</i> DVD burner, SATA 1.5Gb/s, 9.5mm high						Mechanical	Power supply	
Media reader	Optional 9-in-1 media card reader								
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™; <i>Max resolution:</i> 4096x2304 (DP) @60Hz						Limited warranty ³	Preload	
Display	20" (508mm) HD+ (1600x900) TFT color, wide viewing angle 178° (Horizontal), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare								
Light sensor	None						Camera	Controls	
Multi-touch	None								
Camera	Optional 1.0-megapixel camera, fixed focus, supports 720p, with digital microphone, LED indicator, physical switch on/off						Chipset	Rear ports	
Controls	Microphone mute, brightness up/down buttons, and power button								
Chipset	Intel H110 Chipset						Side ports	M.2 card slot	
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort, optional serial (9-pin),								
Side ports	Two USB 3.0 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)								
M.2 card slot	One M.2 Card slot (for WLAN)								

See footnotes for more detailed information

ThinkCentre M700z (10EY) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Multi-Touch	Graphics	DP Dongle	Camera	Storage	Optical	WLAN	Media reader	Serial port	Chassis intrusion switch	Stand type	Keyboard/Mouse vPro	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)	
10EY000JUS	i5-6400T	8GBx1	20" HD+	No	Intel HD 530	None	720p	256GB SSD	DVD±RW	3165 ac	Media	None	None	Monitor	USB	No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10EY000KUS	G3900T	4GBx1	20" HD+	No	Intel HD 510	None	720p	500GB 7200	DVD±RW	3165 ac	Media	None	None	Monitor	USB	No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10EY000LUS	i5-6400T	4GBx1	20" HD+	No	Intel HD 530	None	720p	500GB 7200	DVD±RW	3165 ac	Media	None	None	Monitor	USB	No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10EY000MUS	i3-6100T	4GBx1	20" HD+	No	Intel HD 530	None	720p	500GB 7200	DVD±RW	3165 ac	Media	None	None	Monitor	USB	No	3-onsite	No	Windows 10 Pro 64	12/15
10EY000NUS	i7-6700T	8GBx1	20" HD+	No	Intel HD 530	None	720p	500GB 7200	DVD±RW	3165 ac	Media	None	None	Monitor	USB	No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10EY000PUS	i5-6400T	4GBx1	20" HD+	No	Intel HD 530	None	720p	500GB 7200	DVD±RW	3165 ac	Media	None	None	Monitor	USB	No	3-onsite	No	Windows 10 Pro 64	12/15
10EY000QUS	G4400T	4GBx1	20" HD+	No	Intel HD 510	None	720p	500GB 7200	DVD±RW	3165 ac	Media	None	None	Monitor	USB	No	3-onsite	No	Win7 Pro64 DG Win10	12/15

Country Code"+": AT (Austria), FR (France), GB (Germany w/ English OS), GE (Germany w/ German OS), IV (Israel), IW (Iceland), IX (Italy), MB (Belgium), MD (Denmark), MH (Netherlands), ML (Luxembourg), MN (Norway), MS (Sweden), MZ (Switzerland), NX (Netherlands), PG (Portugal), SP (Spain), UK (United Kingdom)

Note: models listed above might not be available in all WE countries

- For detailed platform specifications, please see [ThinkCentre M700z Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor						Audio support	High Definition (HD) Audio, Realtek ALC233 / two internal stereo speakers (2W x 2), Dolby® Audio™ certified
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	WLAN ¹³ <i>Some:</i> 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 <i>Some:</i> 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 <i>Some:</i> 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 <i>Some:</i> 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Bluetooth™ Ethernet <i>Some:</i> Bluetooth 4.0 / 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter Gigabit ethernet, Realtek RTL8111G, Wake on LAN®	
	Celeron G3900T	2 / 2	2.6 G	2 MB	DDR4-2133	HD 510		
	Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510		
	Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530		
	Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530		
	Core i5-6500T	4 / 4	2.5 G / 3.1 G	6 MB	DDR4-2133	HD 530		
	Core i5-6600T	4 / 4	2.7 G / 3.5 G	6 MB	DDR4-2133	HD 530		
Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530	Manageability Security chip	None Trusted Platform Module (TPM 1.2-compliant)	
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable						Security features	<ul style="list-style-type: none"> Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) Smart USB protection, allows keyboard/mouse only, blocks all storage devices Power-on, admin, hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional Chassis intrusion switch
Disk	<i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm <i>Some:</i> Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide						Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo Slim USB Keyboard (USB connector), black <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black
Optical	<i>Some:</i> DVD, SATA 1.5Gb/s, 9.5mm high <i>Some:</i> DVD burner, SATA 1.5Gb/s, 9.5mm high						Mouse	<i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black
Media reader	Optional 9-in-1 media card reader						Mechanical	<ul style="list-style-type: none"> Business black color Toolless stand Support VESA mount (100mm)
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™; <i>Max resolution:</i> 4096x2304 (DP) @60Hz						Power supply	120 watts adapter, autosensing, 89% PSU
Display	20" (508mm) HD+ (1600x900) TFT color , wide viewing angle 178° (Horizontal), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare						Limited warranty ³	<i>Some:</i> 1-year or 3-year, depot repair service <i>Some:</i> 1-year or 3-year, limited onsite service <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / <i>For Lenovo service upgrade options, please go to S-TC sheet</i>
Light sensor	None						Preload	<i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit
Multi-touch	None							
Camera	Optional 1.0-megapixel camera, fixed focus, supports 720p, with digital microphone, LED indicator, physical switch on/off							
Controls	Microphone mute, brightness up/down buttons, and power button							
Chipset	Intel H110 Chipset							
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort, optional serial (9-pin),							
Side ports	Two USB 3.0 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)							
M.2 card slot	One M.2 Card slot (for WLAN)							

See footnotes for more detailed information

ThinkCentre M78 Small and Tower

ThinkCentre®



Lenovo ThinkCentre M78
Small and Tower



Lenovo ThinkCentre M78 Tower
with Lenovo ThinkVision Monitor



Lenovo ThinkCentre M78 Small



Lenovo ThinkCentre M78 Small
with Lenovo ThinkVision Monitor



Lenovo ThinkCentre M78 Tower



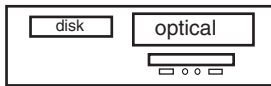
Lenovo ThinkCentre M78 Tower

ThinkCentre M78 Small (10BU) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis intrusion switch	PS/2 port	Floor stand	DP to DP Cable	Global	Preload	Ann date (mm/dd/yy)
10BU0000US	4x3	A4-5300	2GBx1	250G 7200	DVD±RW	None	None	HD 7480D	None	None	Stand	None	None	Win7 Pro64 (DG)	10/01/13
10BU0001US	4x3	A6-5400B	4GBx1	500G 7200	DVD±RW	None	None	HD 7540D	None	None	Stand	None	None	Win7 Pro64 (DG)	10/01/13
10BU0002US	4x3	A4-6300B	4GBx1	500G 7200	DVD±RW	None	None	HD 8370D	None	None	Stand	None	None	Win7 Pro64 (DG)	10/01/13
10BU0003US	4x3	A6-6400B	4GBx1	500G 7200	DVD±RW	None	None	HD 8470D	None	None	Stand	None	None	Win7 Pro64 (DG)	10/01/13
10BU0004US	4x3	A8-6500B	4GBx1	500G 7200	DVD±RW	None	None	HD 8570D	None	None	Stand	None	None	Win7 Pro64 (DG)	10/01/13
10BU0005US	4x3	A8-6500B	8GBx1	1TB 7200	DVD±RW	None	None	HD 8570	None	None	Stand	Cable	None	Win7 Pro64 (DG)	10/01/13
10BU0006US	4x3	A6-6400B	8GBx1	1TB 7200	DVD±RW	None	None	HD 8570	None	None	Stand	Cable	None	Win7 Pro64 (DG)	10/01/13
10BU0007US	4x3	A4-6300B	8GBx1	1TB 7200	DVD±RW	None	None	HD 8570	None	None	Stand	Cable	None	Win7 Pro64 (DG)	10/01/13
10BU0008US	4x3	A4-6300B	2GBx1	500G 7200	DVD±RW	None	None	HD 8370D	None	None	Stand	None	None	Win7 Pro64 (DG)	10/22/13
10BU0009US	4x3	A6-6400B	2GBx1	500G 7200	DVD±RW	None	None	HD 8470D	None	None	None	None	None	Win7 Pro64 (DG)	12/10/13

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Mainstream enterprise stability and manageability</i>											Preloaded operating system			
Processor	AMD APU A4-5300 (dual-core, 3.4GHz, 1MB L2 cache), Turbo Core (up to 3.6GHz), AMD Radeon™ HD 7480D Graphics, DDR3 memory controller (up to 1600MHz) AMD APU A4-6300B (dual-core, 3.7GHz, 1MB L2 cache), Turbo Core (up to 3.9GHz), AMD Radeon HD 8370D Graphics, DDR3 memory controller (up to 1600MHz) AMD APU A6-5400B (dual-core, 3.6GHz, 1MB L2 cache), Turbo Core (up to 3.8GHz), AMD Radeon HD 7540D Graphics, DDR3 memory controller (up to 1866MHz) AMD APU A6-6400B (dual-core, 3.9GHz, 1MB L2 cache), Turbo Core (up to 4.1GHz), AMD Radeon HD 8470D Graphics, DDR3 memory controller (up to 1866MHz) AMD APU A8-6500B (quad-core, 3.5GHz, 4MB L2 cache), Turbo Core (up to 4.1GHz), AMD Radeon HD 8570D Graphics, DDR3 memory controller (up to 1866MHz)											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Ready to install applications (only some listed) <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Power Manager • View Management Utility • PC Device Stage • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Evernote® • Microsoft® Office preloaded; purchase a product key to activate • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Nitro Pro 			
Implementation	Processor in Socket FM2														
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets														
Graphics	AMD Radeon HD Graphics , integrated in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display, works along with optional discrete graphics to support up to four independent monitors; <i>Maximum resolution:</i> 1920x1200 (VGA) @60Hz; 2560x2048 (DisplayPort) @60Hz <i>Some:</i> AMD Radeon™ HD 8570 , DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40 watts; <i>Max resolution:</i> 4096x2160 (HDMI) @24Hz; 2048x1536 (VGA) @85Hz														
DP cable	<i>Some:</i> DisplayPort to DisplayPort monitor cable														
Disk	SATA 6.0Gb/s 7200 rpm														
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive														
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1														
Onboard SATA	Two SATA cables (each 1-drop to device), four SATA 6.0Gb/s connectors on planar														
eSATA port	None														
Media reader	None														
Chipset	AMD A75 Chipset														
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort, optional keyboard (PS/2), optional mouse (PS/2)														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)														
PCIe WLAN	None														
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB device)														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Realtek RTL8111E, Wake on LAN®														
Modem	None														
Security chip	Trusted Platform Module (TPM 1.2-compliant)														
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Floor Stand	Optional System floor stand for vertical orientation														
Power supply	240 watts, autosensing														
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 13.3" W X 15.0" D X 3.9" H • 339mm W X 381mm D X 100mm H • 16.5 lb (7.5 kg) in maximum configuration • Toolless cover flips up and tilts backward on rear hinges • Toolless disk and optical drive removal • Toolless adapter retention 														
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 3.5", .5" high, access, opt reader														
Slot	Slot 1: Low Profile, PCI Express 2.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, 32-bit PCI 2.3 Slot 4: Low Profile, 32-bit PCI 2.3														
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Security <ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Cable lock • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch on selected model(s) RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			

See footnotes for important warranty information
 US model(s) announced October 1, 2013, October 22, 2013, or December 10, 2013

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ThinkCentre M78 Tower (10BR) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis intrusion switch	PS/2 port	DP to DP Cable	Global	Preload	Ann date (mm/dd/yy)
10BR0000US	4x5	A4-5300	2GBx1	250G 7200	DVD±RW	None	None	HD 7480D	None	None	None	None	Win7 P64 DG Win8	10/01/13
10BR0001US	4x5	A6-5400B	4GBx1	500G 7200	DVD±RW	None	None	HD 7540D	None	None	None	None	Win7 P64 DG Win8	10/01/13
10BR0002US	4x5	A4-6300B	2GBx1	500G 7200	DVD±RW	None	None	HD 8370D	None	None	None	None	Win7 P64 DG Win8	10/01/13
10BR0004US	4x5	A6-6400B	4GBx1	500G 7200	DVD±RW	None	None	HD 8470D	None	None	None	None	Win7 P64 DG Win8	10/01/13
10BR0005US	4x5	A8-6500B	4GBx1	500G 7200	DVD±RW	None	None	HD 8570D	None	None	None	None	Win7 P64 DG Win8	10/01/13
10BR0006US	4x5	A8-6500B	8GBx1	1TB 7200	DVD±RW	None	None	HD 8570	None	None	Cable	None	Win7 P64 DG Win8	10/01/13
10BR0007US	4x5	A6-6400B	8GBx1	1TB 7200	DVD±RW	None	None	HD 8570	None	None	Cable	None	Win7 P64 DG Win8	10/01/13
10BR0008US	4x5	A4-6300B	8GBx1	1TB 7200	DVD±RW	None	None	HD 8570	None	None	Cable	None	Win7 P64 DG Win8	10/01/13
10BR000AUS	4x5	A4-6300B	4GBx1	500G 7200	DVD±RW	None	None	HD 8370D	None	None	None	None	Win7 P64 DG Win8.1	04/08/14

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 3-year limited warranty

Positioning	Mainstream enterprise stability and manageability											Preloaded operating system
Processor	AMD APU A4-5300 (dual-core, 3.4GHz, 1MB L2 cache), Turbo Core (up to 3.6GHz), AMD Radeon™ HD 7480D Graphics, DDR3 memory controller (up to 1600MHz) AMD APU A4-6300B (dual-core, 3.7GHz, 1MB L2 cache), Turbo Core (up to 3.9GHz), AMD Radeon HD 8370D Graphics, DDR3 memory controller (up to 1600MHz) AMD APU A6-5400B (dual-core, 3.6GHz, 1MB L2 cache), Turbo Core (up to 3.8GHz), AMD Radeon HD 7540D Graphics, DDR3 memory controller (up to 1866MHz) AMD APU A6-6400B (dual-core, 3.9GHz, 1MB L2 cache), Turbo Core (up to 4.1GHz), AMD Radeon HD 8470D Graphics, DDR3 memory controller (up to 1866MHz) AMD APU A8-6500B (quad-core, 3.5GHz, 4MB L2 cache), Turbo Core (up to 4.1GHz), AMD Radeon HD 8570D Graphics, DDR3 memory controller (up to 1866MHz)											Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit
Implementation	Processor in Socket FM2											Ready to install applications (only some listed)
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											<ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager
Graphics	AMD Radeon HD Graphics , integrated in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display, works along with optional discrete graphics to support up to four independent monitors; <i>Maximum resolution:</i> 1920x1200 (VGA)@60Hz; 2560x2048 (DisplayPort)@60Hz <i>Some:</i> AMD Radeon™ HD 8570 , DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40 watts; <i>Max resolution:</i> 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz											Preloaded applications (only some listed)
DP cable	<i>Some:</i> DisplayPort to DisplayPort monitor cable											<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Power Manager • View Management Utility • PC Device Stage • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Evernote® • Microsoft® Office preloaded; purchase a product key to activate • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Nitro Pro
Disk	SATA 6.0Gb/s 7200 rpm											Security <ul style="list-style-type: none"> • Security chip (see information on left) • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> - Padlock loop (in rear for opt padlock) - Security slot (in rear for optional Kensington® MicroSaver® cable) • Cable lock • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch on selected model(s)
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive											
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1											
Onboard SATA	Two SATA cables (each 1-drop to device), four SATA 6.0Gb/s connectors on planar											
eSATA port	None											
Media reader	None											
Chipset	AMD A75 Chipset											
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort, optional keyboard (PS/2), optional mouse (PS/2)											
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)											
PCIe WLAN	None											
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB device)											
Audio	High Definition (HD) Audio, Realtek® ALC662 codec											
Speaker	Internal speaker for business audio											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Realtek RTL8111E, Wake on LAN®											
Modem	None											
Security chip	Trusted Platform Module (TPM 1.2-compliant)											
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Power supply	280 watts, manual switch											
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 6.9" W X 17.4" D X 16.3" H • 175mm W X 442mm D X 414mm H • 27.5 lb (12.5 kg) in maximum configuration • Toolless cover removal, toolless adapter retention • Toolless disk, optical drive removal 											
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader* Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk* *bay only available on models with HDD/SSD/reader installed											
Slot	Slot 1: half-length, full-height, PCI Express 2.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, 32-bit PCI 2.3 Slot 4: half-length, full-height, 32-bit PCI 2.3											
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
 US model(s) announced October 1, 2013 or April 8, 2014

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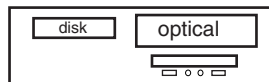
ThinkCentre M78 Small (10BT) - 1-year onsite

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis Intrusion switch	PS/2 port	2nd Serial	Floor stand	DP to DP Cable	Preload	Ann date (mm/dd/yy)
10BT0004US	4x3	A8-5500B	8GBx1	1TB 7200	DVD±RW	None	Media	HD 8570	None	None	Serial	Stand	Cable	Win7 Pro64 (DG)	10/01/13
10BT0005US	4x3	A4-5300	4GBx1	500G 7200	DVD±RW	None	None	HD 7480D	None	None	Serial	Stand	None	Win7 Pro64 (DG)	10/01/13
10BT0006US	4x3	A6-5400B	4GBx1	500G 7200	DVD±RW	N105	Media	HD 7540D	None	None	Serial	Stand	None	Win7 Pro64 (DG)	10/01/13

● 1-year limited warranty

Positioning	<i>Mainstream enterprise stability and manageability</i>										Preloaded operating system				
Processor	AMD APU A4-5300 (dual-core, 3.4GHz, 1MB L2 cache), Turbo Core (up to 3.6GHz), AMD Radeon™ HD 7480D Graphics, DDR3 memory controller (up to 1600MHz) AMD APU A6-5400B (dual-core, 3.6GHz, 1MB L2 cache), Turbo Core (up to 3.8GHz), AMD Radeon HD 7540D Graphics, DDR3 memory controller (up to 1866MHz) AMD APU A8-5500B (quad-core, 3.2GHz, 4MB L2 cache), Turbo Core (up to 3.7GHz), AMD Radeon HD 7560D Graphics, DDR3 memory controller (up to 1866MHz)										Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit				
Implementation	Processor in Socket FM2										Ready to install applications (only some listed)				
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets										<ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager 				
Graphics	AMD Radeon HD Graphics , integrated in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display, works along with optional discrete graphics to support up to four independent monitors; <i>Maximum resolution: 1920x1200 (VGA)@60Hz; 2560x2048 (DisplayPort)@60Hz</i> <i>Some: AMD Radeon™ HD 8570, DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40 watts; Max resolution: 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz</i>										Preloaded applications (only some listed)				
DP cable	<i>Some: DisplayPort to DisplayPort monitor cable</i>										<ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Power Manager ● View Management Utility ● PC Device Stage ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Evernote® ● Microsoft® Office preloaded; purchase a product key to activate ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Nitro Pro 				
Disk	SATA 6.0Gb/s 7200 rpm														
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive														
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1														
Onboard SATA	Two SATA cables (each 1-drop to device), four SATA 6.0Gb/s connectors on planar														
eSATA port	None														
Media reader	<i>Some: 29-in-1 media reader, internal USB 2.0</i>														
Chipset	AMD A75 Chipset														
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort, optional keyboard (PS/2), optional mouse (PS/2)														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)														
PCIe WLAN	<i>Some: 11b/g/n wireless, Intel Centrino® Wireless-N 105, 1x1</i>														
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB device)														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Realtek RTL8111E, Wake on LAN®														
Modem	None														
Security chip	Trusted Platform Module (TPM 1.2-compliant)														
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Floor Stand	System floor stand for vertical orientation														
Power supply	240 watts, autosensing														
Machine	<ul style="list-style-type: none"> ● Business black color; metal case ● 13.3" W X 15.0" D X 3.9" H ● 339mm W X 381mm D X 100mm H ● 16.5 lb (7.5 kg) in maximum configuration ● Toolless cover flips up and tilts backward on rear hinges ● Toolless disk and optical drive removal ● Toolless adapter retention 										Security				
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 3.5", .5" high, access, opt reader										<ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) ● Cable lock ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement ● Chassis intrusion switch on selected model(s) 				
Slot	Slot 1: Low Profile, PCI Express 2.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, 32-bit PCI 2.3 Slot 4: Low Profile, 32-bit PCI 2.3										RoHS-compliant Supports ThinkVantage Technologies				
Limited Warranty	1-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet				



See footnotes for important warranty information
US model(s) announced October 1, 2013

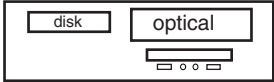
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ThinkCentre M78 Small (10BT)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis intrusion switch	PS/2 port	Floor stand	DP to DP Cable	Global	Preload	Ann date (mm/dd/yy)
10BT0000US	4x3	A4-5300B	4GBx1	500G 7200	DVD±RW	None	None	HD 7480D	Switch	None	Stand	None	None	Win7 Pro64	10/01/13
10BT0008US	4x3	A4-6300B	4GBx1	500G 7200	DVD±RW	None	None	HD 8370D	None	None	Stand	None	None	Win7 Pro64 (DG)	10/01/13
10BT0009US	4x3	A6-6400B	4GBx1	500G 7200	DVD±RW	None	None	HD 8470D	None	None	Stand	None	None	Win7 Pro64 (DG)	10/01/13
10BT000AUS	4x3	A8-6500B	4GBx1	500G 7200	DVD±RW	None	None	HD 8570D	None	None	Stand	None	None	Win7 Pro64 (DG)	10/01/13
10BT000BUS	4x3	A6-6400B	8GBx1	1TB 7200	DVD±RW	None	None	HD 8570	None	None	Stand	Cable	None	Win7 Pro64 (DG)	10/01/13
10BT000CUS	4x3	A8-6500B	8GBx1	1TB 7200	DVD±RW	None	None	HD 8570	None	None	Stand	Cable	None	Win7 Pro64 (DG)	10/01/13

●3-year limited warranty

Positioning Processor	<i>Mainstream enterprise stability and manageability</i> AMD APU A4-5300B (dual-core, 3.4GHz, 1MB L2 cache), Turbo Core (up to 3.6GHz), AMD Radeon™ HD 7480D Graphics, DDR3 memory controller (up to 1600MHz) AMD APU A4-6300B (dual-core, 3.7GHz, 1MB L2 cache), Turbo Core (up to 3.9GHz), AMD Radeon HD 8370D Graphics, DDR3 memory controller (up to 1600MHz) AMD APU A6-6400B (dual-core, 3.9GHz, 1MB L2 cache), Turbo Core (up to 4.1GHz), AMD Radeon HD 8470D Graphics, DDR3 memory controller (up to 1866MHz) AMD APU A8-6500B (quad-core, 3.5GHz, 4MB L2 cache), Turbo Core (up to 4.1GHz), AMD Radeon HD 8570D Graphics, DDR3 memory controller (up to 1866MHz)	Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Implementation	Processor in Socket FM2	Ready to install applications (only some listed) ● Rescue and Recovery™ ● Password Manager
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets	Preloaded applications (only some listed) ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Power Manager ● View Management Utility ● PC Device Stage ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Evernote® ● Microsoft® Office preloaded; purchase a product key to activate ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Nitro Pro
Graphics	AMD Radeon HD Graphics , integrated in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display, works along with optional discrete graphics to support up to four independent monitors; <i>Maximum resolution:</i> 1920x1200 (VGA)@60Hz; 2560x2048 (DisplayPort)@60Hz <i>Some:</i> AMD Radeon™ HD 8570 , DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40 watts; <i>Max resolution:</i> 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz	
DP cable	<i>Some:</i> DisplayPort to DisplayPort monitor cable	
Disk	SATA 6.0Gb/s 7200 rpm	
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1	
Onboard SATA	Two SATA cables (each 1-drop to device), four SATA 6.0Gb/s connectors on planar	
eSATA port	None	
Media reader	None	
Chipset	AMD A75 Chipset	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort, optional keyboard (PS/2), optional mouse (PS/2)	
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)	
PCIe WLAN	None	
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB device)	
Audio	High Definition (HD) Audio, Realtek® ALC662 codec	
Speaker	Internal speaker for business audio	
IEEE 1394	None	
Ethernet	One gigabit ethernet port, Realtek RTL8111E, Wake on LAN®	
Modem	None	
Security chip	Trusted Platform Module (TPM 1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Floor Stand	System floor stand for vertical orientation	
Power supply	240 watts, autosensing	
Machine	<ul style="list-style-type: none"> ● Business black color; metal case ● 13.3" W X 15.0" D X 3.9" H ● 339mm W X 381mm D X 100mm H ● 16.5 lb (7.5 kg) in maximum configuration ● Toolless cover flips up and tilts backward on rear hinges ● Toolless disk and optical drive removal ● Toolless adapter retention 	
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 3.5", .5" high, access, opt reader	
Slot	Slot 1: Low Profile, PCI Express 2.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, 32-bit PCI 2.3 Slot 4: Low Profile, 32-bit PCI 2.3	
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	Security ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) ● Cable lock ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement ● Chassis intrusion switch on selected model(s)
		RoHS-compliant
		Supports ThinkVantage Technologies
		For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
US model(s) announced October 1, 2013

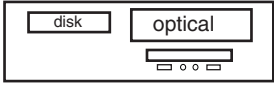
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ThinkCentre M78 Small (10BS) - ES 5.2

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis intrusion switch	PS/2 port	2nd Serial / Parallel	Floor stand	DP to DP Cable	Preload	Ann date (mm/dd/yy)
10BS0002US	4x3	A8-6500B	4GBx1	1TB 7200	DVD±RW	N2230	None	HD 8570	Switch	None	S P	Stand	Cable	Win8 Pro64	10/01/13

●3-year limited warranty

Positioning	<i>Mainstream enterprise stability and manageability</i>											Preloaded operating system
Processor	AMD APU A8-6500B (quad-core, 3.5GHz, 4MB L2 cache), Turbo Core (up to 4.1GHz), AMD Radeon™ HD 8570D Graphics, DDR3 memory controller (up to 1866MHz)											Windows® 8 Pro 64-bit
Implementation	Processor in Socket FM2											Ready to install applications (only some listed)
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											<ul style="list-style-type: none"> ● Password Manager
Graphics	AMD Radeon HD Graphics , integrated in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display, works along with optional discrete graphics to support up to four independent monitors; <i>Maximum resolution:</i> 1920x1200 (VGA)@60Hz; 2560x2048 (DisplayPort)@60Hz <i>Some:</i> AMD Radeon™ HD 8570 , DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40 watts; <i>Max resolution:</i> 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz											Preloaded applications (only some listed)
DP cable	<i>Some:</i> DisplayPort to DisplayPort monitor cable											<ul style="list-style-type: none"> ● ThinkVantage® System Update ● View Management Utility ● Lenovo® Support ● Lenovo Companion ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Desktop Power Manager ● PC Device Stage ● Microsoft® Office preloaded; purchase a product key to activate ● Norton™ Internet Security (30 days of virus definitions) ● PC Device Stage ● Evernote® ● Skype™ ● Cyberlink PowerDVD (DVD±RW, DVD) ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Nitro Pro ● AccuWeather ● Norton Studio
Disk	SATA 6.0Gb/s 7200 rpm											
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive											
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1											
Onboard SATA	Two SATA cables (each 1-drop to device), four SATA 6.0Gb/s connectors on planar											
eSATA port	None											
Media reader	None											
Chipset	AMD A75 Chipset											
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA DB-15, DisplayPort, optional keyboard (PS/2), optional mouse (PS/2)											
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)											
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2											
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB device)											
Audio	High Definition (HD) Audio, Realtek® ALC662 codec											
Speaker	Internal speaker for business audio											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Realtek RTL8111E, Wake on LAN®											
Modem	None											
Security chip	Trusted Platform Module (TPM 1.2-compliant)											
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo											Security
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											<ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable)
Floor Stand	System floor stand for vertical orientation											<ul style="list-style-type: none"> ● Cable lock ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement ● Chassis intrusion switch on selected model(s)
Power supply	240 watts, autosensing, 85% PSU											
Machine	<ul style="list-style-type: none"> ● Business black color; metal case ● 13.3" W X 15.0" D X 3.9" H ● 339mm W X 381mm D X 100mm H ● 16.5 lb (7.5 kg) in maximum configuration ● Toolless cover flips up and tilts backward on rear hinges ● Toolless disk and optical drive removal ● Toolless adapter retention 											
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 3.5", .5" high, access, opt reader											
Slot	Slot 1: Low Profile, PCI Express 2.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, 32-bit PCI 2.3 Slot 4: Low Profile, 32-bit PCI 2.3											
												
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											EPEAT™ Gold rating ENERGY STAR 5.2-compliant ULE Gold RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
US model(s) announced October 1, 2013

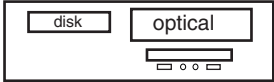
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ThinkCentre M78 Small (10BS) - ES 5.2 (OID)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis intrusion switch	PS/2 port	Floor stand	DP to Cable	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10BS0005US	4x3	A8-5500B	4GBx1	1TB 7200	DVD±RW	N105	None	HD 8470	Switch	None	Stand	None	G O	Win7 Pro64 (DG)	10/01/13
10BS0006US	4x3	A6-5400B	4GBx1	500G 7200	DVD±RW	None	None	HD 7540D	Switch	None	Stand	None	G O	Win7 Pro64 (DG)	10/01/13
10BS0007US	4x3	A4-5300B	2GBx1	500G 7200	DVD	None	None	HD 7480D	Switch	None	Stand	None	G O	Win7 Pro64	10/01/13

● Onsite International Delivery (OID)

Positioning	<i>Mainstream enterprise stability and manageability</i>											Preloaded operating system			
Processor	AMD APU A4-5300B (dual-core, 3.4GHz, 1MB L2 cache), Turbo Core (up to 3.6GHz), AMD Radeon™ HD 7480D Graphics, DDR3 memory controller (up to 1600MHz) AMD APU A6-5400B (dual-core, 3.6GHz, 1MB L2 cache), Turbo Core (up to 3.8GHz), AMD Radeon HD 7540D Graphics, DDR3 memory controller (up to 1866MHz) AMD APU A8-5500B (quad-core, 3.2GHz, 4MB L2 cache), Turbo Core (up to 3.7GHz), AMD Radeon HD 7560D Graphics, DDR3 memory controller (up to 1866MHz)											Some: Windows® 7 Professional 64 Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit			
Implementation	Processor in Socket FM2											Ready to install applications (only some listed)			
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 			
Graphics	AMD Radeon HD Graphics , integrated in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display, works along with optional discrete graphics to support up to four independent monitors; <i>Maximum resolution:</i> 1920x1200 (VGA)@60Hz; 2560x2048 (DisplayPort)@60Hz Some: AMD Radeon™ HD 8470 , DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express® 2.0 x16 adapter, one VGA, one DisplayPort, 25 watts, <i>Max resolution:</i> 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz											Preloaded applications (only some listed)			
DP cable	None											<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Power Manager View Management Utility PC Device Stage Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Evernote® Microsoft® Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Nitro Pro 			
Disk	SATA 6.0Gb/s 7200 rpm														
Optical	Some: DVD-ROM DL SATA 1.5Gb/s Drive Some: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive														
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1														
Onboard SATA	Two SATA cables (each 1-drop to device), four SATA 6.0Gb/s connectors on planar														
eSATA port	None														
Media reader	None														
Chipset	AMD A75 Chipset														
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort, optional keyboard (PS/2), optional mouse (PS/2)														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)														
PCIe WLAN	Some: 11b/g/n wireless, Intel Centrino® Wireless-N 105, 1x1														
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB device)														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Realtek RTL8111E, Wake on LAN®														
Modem	None														
Security chip	Trusted Platform Module (TPM 1.2-compliant)														
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Floor Stand	System floor stand for vertical orientation														
Power supply	240 watts, autosensing, 85% PSU														
Machine	<ul style="list-style-type: none"> Business black color; metal case 13.3" W X 15.0" D X 3.9" H 339mm W X 381mm D X 100mm H 16.5 lb (7.5 kg) in maximum configuration Toolless cover flips up and tilts backward on rear hinges Toolless disk and optical drive removal Toolless adapter retention 											Security <ul style="list-style-type: none"> Security chip (see information on left) Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) Cable lock Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Chassis intrusion switch on selected model(s) 			
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 3.5", .5" high, access, opt reader														
Slot	Slot 1: Low Profile, PCI Express 2.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, 32-bit PCI 2.3 Slot 4: Low Profile, 32-bit PCI 2.3											EPEAT™ Gold rating ENERGY STAR 5.2-compliant ULE Gold RoHS-compliant			
												Supports ThinkVantage Technologies			
Limited Warranty	3-years, limited onsite service. 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available														

See footnotes for important warranty information
US model(s) announced October 1, 2013

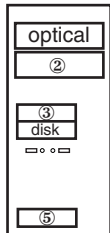
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ThinkCentre M78 Tower (10BQ)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis intrusion switch	PS/2 port	DP to DP Cable	Global	Preload	Ann date (mm/dd/yy)
10BQ0000US	4x5	A4-5300B	4Gx1+2Gx3	500G Hybrid	DVD±RW	None	None	HD 7480D	Switch	None	None	None	Win7 Pro64	10/01/13
10BQ0004US	4x5	A4-5300	4GBx1	500G 7200	DVD±RW	None	None	HD 7540D	None	None	None	None	Win7 Pro64 (DG)	10/01/13
10BQ0005US	4x5	A6-5400B	4GBx1	500G 7200	DVD±RW	None	None	HD 7540D	None	None	None	None	Win7 Pro64 (DG)	10/01/13
10BQ0006US	4x5	A8-5500B	8GBx1	1TB 7200	DVD±RW	None	None	HD 8570	None	None	None	None	Win7 Pro64 (DG)	10/01/13
10BQ0008US	4x5	A4-6300B	4GBx1	500G 7200	DVD±RW	None	None	HD 8370D	None	None	None	None	Win7 Pro64 (DG)	10/01/13
10BQ0009US	4x5	A6-6400B	4GBx1	500G 7200	DVD±RW	None	None	HD 8470D	None	None	None	None	Win7 Pro64 (DG)	10/01/13

●3-year limited warranty

Positioning Processor	<p><i>Mainstream enterprise stability and manageability</i></p> <p>AMD APU A4-5300 (dual-core, 3.4GHz, 1MB L2 cache), Turbo Core (up to 3.6GHz), AMD Radeon™ HD 7480D Graphics, DDR3 memory controller (up to 1600MHz)</p> <p>AMD APU A4-5300B (dual-core, 3.4GHz, 1MB L2 cache), Turbo Core (up to 3.6GHz), AMD Radeon HD 7480D Graphics, DDR3 memory controller (up to 1600MHz)</p> <p>AMD APU A4-6300B (dual-core, 3.7GHz, 1MB L2 cache), Turbo Core (up to 3.9GHz), AMD Radeon HD 8370D Graphics, DDR3 memory controller (up to 1600MHz)</p> <p>AMD APU A6-5400B (dual-core, 3.6GHz, 1MB L2 cache), Turbo Core (up to 3.8GHz), AMD Radeon HD 7540D Graphics, DDR3 memory controller (up to 1866MHz)</p> <p>AMD APU A6-6400B (dual-core, 3.9GHz, 1MB L2 cache), Turbo Core (up to 4.1GHz), AMD Radeon HD 8470D Graphics, DDR3 memory controller (up to 1866MHz)</p> <p>AMD APU A8-5500B (quad-core, 3.2GHz, 4MB L2 cache), Turbo Core (up to 3.7GHz), AMD Radeon HD 7560D Graphics, DDR3 memory controller (up to 1866MHz)</p>	<p>Preloaded operating system</p> <p><i>Some:</i> Windows® 7 Professional 64</p> <p><i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit</p> <p>Ready to install applications (only some listed)</p> <ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager <p>Preloaded applications (only some listed)</p> <ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Power Manager ● View Management Utility ● PC Device Stage ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Evernote® ● Microsoft® Office preloaded; purchase a product key to activate ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Nitro Pro
Implementation	Processor in Socket FM2	
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets	
Graphics	<p>AMD Radeon HD Graphics, integrated in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display, works along with optional discrete graphics to support up to four independent monitors;</p> <p><i>Maximum resolution:</i> 1920x1200 (VGA) @60Hz; 2560x2048 (DisplayPort) @60Hz</p> <p><i>Some:</i> AMD Radeon™ HD 8570, DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40 watts;</p> <p><i>Max resolution:</i> 4096x2160 (HDMI) @24Hz; 2048x1536 (VGA) @85Hz</p>	
DP cable	None	
Disk	<p><i>Some:</i> SATA 6.0Gb/s 7200 rpm</p> <p><i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</p>	
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1	
Onboard SATA	Two SATA cables (each 1-drop to device), four SATA 6.0Gb/s connectors on planar	
eSATA port	None	
Media reader	None	
Chipset	AMD A75 Chipset	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort, optional keyboard (PS/2), optional mouse (PS/2)	
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)	
PCIe WLAN	None	
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB device)	
Audio	High Definition (HD) Audio, Realtek® ALC662 codec	
Speaker	Internal speaker for business audio	
IEEE 1394	None	
Ethernet	One gigabit ethernet port, Realtek RTL8111E, Wake on LAN®	
Modem	None	
Security chip	Trusted Platform Module (TPM 1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Power supply	280 watts, manual switch	
Machine	<ul style="list-style-type: none"> ● Business black color; metal case ● 6.9" W X 17.4" D X 16.3" H ● 175mm W X 442mm D X 414mm H ● 27.5 lb (12.5 kg) in maximum configuration ● Toolless cover removal, toolless adapter retention ● Toolless disk, optical drive removal 	
Bay	<p>Bay 1: 5.25", 1.6" high, access, std optical</p> <p>Bay 2: 5.25", 1.6" high, access, open</p> <p>Bay 3: 3.5", 1" high, access, opt reader*</p> <p>Bay 4: 3.5", 1" high, no access, std disk</p> <p>Bay 5: 3.5", 1" high, no access, opt disk*</p> <p>*bay only available on models with HDD/SSD/reader installed</p>	
Slot	<p>Slot 1: half-length, full-height, PCI Express 2.0 x16 (60w max)</p> <p>Slot 2: half-length, full-height, PCIe 2.0 x1</p> <p>Slot 3: half-length, full-height, 32-bit PCI 2.3</p> <p>Slot 4: half-length, full-height, 32-bit PCI 2.3</p>	
Limited Warranty	3-years, limited onsite service. 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	
		<p>Security</p> <ul style="list-style-type: none"> ● Security chip (see information on left) ● One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) ● Cable lock ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement ● Chassis intrusion switch on selected model(s) <p>RoHS-compliant</p> <p>Supports ThinkVantage Technologies</p> <p>For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet</p>

See footnotes for important warranty information
US model(s) announced October 1, 2013

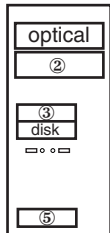
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ThinkCentre M78 Tower (10BQ) - II

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis intrusion switch	PS/2 port	DP to DP Cable	Global	Preload	Ann date (mm/dd/yy)
10BQ000AUS	4x5	A8-6500B	4GBx1	500G 7200	DVD±RW	None	None	HD 8570D	None	None	None	None	Win7 Pro64 (DG)	10/01/13
10BQ000BUS	4x5	A8-6500B	8GBx1	1TB 7200	DVD±RW	None	None	HD 8570	None	None	Cable	None	Win7 Pro64 (DG)	10/01/13
10BQ000CUS	4x5	A4-6300B	8GBx1	1TB 7200	DVD±RW	None	None	HD 8570	None	None	Cable	None	Win7 Pro64 (DG)	10/01/13
10BQ000DUS	4x5	A6-6400B	8GBx1	1TB 7200	DVD±RW	None	None	HD 8570	None	None	Cable	None	Win7 Pro64 (DG)	10/01/13

•3-year limited warranty

Positioning	<i>Mainstream enterprise stability and manageability</i>										Preloaded operating system			
Processor	AMD APU A4-6300B (dual-core, 3.7GHz, 1MB L2 cache), Turbo Core (up to 3.9GHz), AMD Radeon™ HD 8370D Graphics, DDR3 memory controller (up to 1600MHz) AMD APU A6-6400B (dual-core, 3.9GHz, 1MB L2 cache), Turbo Core (up to 4.1GHz), AMD Radeon HD 8470D Graphics, DDR3 memory controller (up to 1866MHz) AMD APU A8-6500B (quad-core, 3.5GHz, 4MB L2 cache), Turbo Core (up to 4.1GHz), AMD Radeon HD 8570D Graphics, DDR3 memory controller (up to 1866MHz)										Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Ready to install applications (only some listed) <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager 			
Implementation	Processor in Socket FM2										Preloaded applications (only some listed)			
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets										<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Power Manager • View Management Utility • PC Device Stage • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Evernote® • Microsoft® Office preloaded; purchase a product key to activate • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Nitro Pro 			
Graphics	AMD Radeon HD Graphics , integrated in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display, works along with optional discrete graphics to support up to four independent monitors; <i>Maximum resolution: 1920x1200 (VGA)@60Hz; 2560x2048 (DisplayPort)@60Hz</i> <i>Some: AMD Radeon™ HD 8570, DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40 watts; Max resolution: 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz</i>													
DP cable	<i>Some: DisplayPort to DisplayPort monitor cable</i>													
Disk	<i>Some: SATA 6.0Gb/s 7200 rpm</i>													
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive													
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1													
Onboard SATA	Two SATA cables (each 1-drop to device), four SATA 6.0Gb/s connectors on planar													
eSATA port	None													
Media reader	None													
Chipset	AMD A75 Chipset													
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort, optional keyboard (PS/2), optional mouse (PS/2)													
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)													
PCIe WLAN	None													
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB device)													
Audio	High Definition (HD) Audio, Realtek® ALC662 codec													
Speaker	Internal speaker for business audio													
IEEE 1394	None													
Ethernet	One gigabit ethernet port, Realtek RTL8111E, Wake on LAN®													
Modem	None													
Security chip	Trusted Platform Module (TPM 1.2-compliant)													
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo													
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Power supply	280 watts, manual switch													
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 6.9" W X 17.4" D X 16.3" H • 175mm W X 442mm D X 414mm H • 27.5 lb (12.5 kg) in maximum configuration • Toolless cover removal, toolless adapter retention • Toolless disk, optical drive removal 										Security <ul style="list-style-type: none"> • Security chip (see information on left) • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) • Cable lock • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch on selected model(s) 			
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader* Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk* *bay only available on models with HDD/SSD/reader installed													
Slot	Slot 1: half-length, full-height, PCI Express 2.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, 32-bit PCI 2.3 Slot 4: half-length, full-height, 32-bit PCI 2.3										RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available													

See footnotes for important warranty information
US model(s) announced October 1, 2013

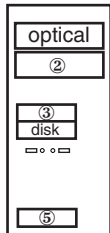
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ThinkCentre M78 Tower (10BN) - ES 5.2 (Windows 8)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis intrusion switch	PS/2 port	2nd Serial / Parallel	DP to DP Cable	DP to DVI Dongle	Preload	Ann date (mm/dd/yy)
10BN0001US	4x5	A8-5500B	4Gx1+2Gx3	1TB 7200	DVD±RW	N2230	None	HD 8470	Switch	None	S P	Cable	Dongle	Win8 Pro64	10/01/13

●3-year limited warranty

Positioning	<i>Mainstream enterprise stability and manageability</i>										Preloaded operating system				
Processor	AMD APU A8-5500B (quad-core, 3.2GHz, 4MB L2 cache), Turbo Core (up to 3.7GHz), AMD Radeon™ HD 7560D Graphics, DDR3 memory controller (up to 1866MHz)										Windows® 8 Pro 64-bit				
Implementation	Processor in Socket FM2										Ready to install applications (only some listed)				
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets										<ul style="list-style-type: none"> ● Password Manager 				
Graphics	AMD Radeon HD Graphics , integrated in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display, works along with optional discrete graphics to support up to four independent monitors; <i>Maximum resolution:</i> 1920x1200 (VGA)@60Hz; 2560x2048 (DisplayPort)@60Hz <i>Some:</i> AMD Radeon™ HD 8470 , DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express® 2.0 x16 adapter, one VGA, one DisplayPort, 25 watts, <i>Max resolution:</i> 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz										Preloaded applications (only some listed)				
DP cable	<i>Some:</i> DisplayPort to DisplayPort monitor cable										<ul style="list-style-type: none"> ● ThinkVantage® System Update ● View Management Utility ● Lenovo® Support ● Lenovo Companion ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Desktop Power Manager ● PC Device Stage ● Microsoft® Office preloaded; purchase a product key to activate ● Norton™ Internet Security (30 days of virus definitions) ● PC Device Stage ● Evernote® ● Skype™ ● Cyberlink PowerDVD (DVD±RW, DVD) ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Nitro Pro ● AccuWeather ● Norton Studio 				
DP dongle	<i>Some:</i> DisplayPort to DVI-D cable														
Disk	<i>Some:</i> SATA 6.0Gb/s 7200 rpm														
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive														
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1														
Onboard SATA	Two SATA cables (each 1-drop to device), four SATA 6.0Gb/s connectors on planar														
eSATA port	None														
Media reader	None														
Chipset	AMD A75 Chipset														
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA DB-15, DisplayPort, optional keyboard (PS/2), optional mouse (PS/2)														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)														
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2														
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB device)														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Realtek RTL8111E, Wake on LAN®														
Modem	None														
Security chip	Trusted Platform Module (TPM 1.2-compliant)														
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Power supply	280 watts, autosensing, 85% PSU														
Machine	<ul style="list-style-type: none"> ● Business black color; metal case ● 6.9" W X 17.4" D X 16.3" H ● 175mm W X 442mm D X 414mm H ● 27.5 lb (12.5 kg) in maximum configuration ● Toolless cover removal, toolless adapter retention ● Toolless disk, optical drive removal 														
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader* Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk* *bay only available on models with HDD/SSD/reader installed														
Slot	Slot 1: half-length, full-height, PCI Express 2.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, 32-bit PCI 2.3 Slot 4: half-length, full-height, 32-bit PCI 2.3														
Limited Warranty	3-years, limited onsite service. 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										Security <ul style="list-style-type: none"> ● Security chip (see information on left) ● One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) ● Cable lock ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement ● Chassis intrusion switch on selected model(s) EPEAT™ Gold rating ENERGY STAR 5.2-compliant ULE Gold RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet				

See footnotes for important warranty information
US model(s) announced October 1, 2013

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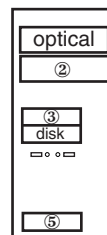
ThinkCentre M78 Tower (10BN) - ES 5.2 (OID)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis intrusion switch	PS/2 port	DP to DP Cable	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10BN0005US	4x5	A4-5300B	2GBx1	500G 7200	DVD	None	None	HD 7480D	Switch	None	None	G O	Win7 Pro64	10/01/13
10BN0006US	4x5	A8-5500B	4GBx1	1TB 7200	DVD±RW	N105	None	HD 8470	Switch	None	None	G O	Win7 Pro64 (DG)	10/01/13
10BN0007US	4x5	A6-5400B	4GBx1	500G 7200	DVD±RW	None	None	HD 7540D	Switch	None	None	G O	Win7 Pro64 (DG)	10/01/13

● Onsite International Delivery (OID)

Positioning	<i>Mainstream enterprise stability and manageability</i>											Preloaded operating system
Processor	AMD APU A4-5300B (dual-core, 3.4GHz, 1MB L2 cache), Turbo Core (up to 3.6GHz), AMD Radeon™ HD 7480D Graphics, DDR3 memory controller (up to 1600MHz) AMD APU A6-5400B (dual-core, 3.6GHz, 1MB L2 cache), Turbo Core (up to 3.8GHz), AMD Radeon HD 7540D Graphics, DDR3 memory controller (up to 1866MHz) AMD APU A8-5500B (quad-core, 3.2GHz, 4MB L2 cache), Turbo Core (up to 3.7GHz), AMD Radeon HD 7560D Graphics, DDR3 memory controller (up to 1866MHz)											Some: Windows® 7 Professional 64 Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Implementation	Processor in Socket FM2											Ready to install applications (only some listed)
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											<ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager
Graphics	AMD Radeon HD Graphics , integrated in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display, works along with optional discrete graphics to support up to four independent monitors; <i>Maximum resolution:</i> 1920x1200 (VGA)@60Hz; 2560x2048 (DisplayPort)@60Hz Some: AMD Radeon™ HD 8470 , DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express® 2.0 x16 adapter, one VGA, one DisplayPort, 25 watts, <i>Max resolution:</i> 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz											Preloaded applications (only some listed)
DP cable	None											<ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Power Manager ● View Management Utility ● PC Device Stage ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Evernote® ● Microsoft® Office preloaded; purchase a product key to activate ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Nitro Pro
Disk	<i>Some:</i> SATA 6.0Gb/s 7200 rpm											
Optical	<i>Some:</i> DVD-ROM DL SATA 1.5Gb/s Drive											
SATA controller	<i>Some:</i> Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive											
Onboard SATA	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1											
eSATA port	Two SATA cables (each 1-drop to device), four SATA 6.0Gb/s connectors on planar											
Media reader	None											
Chipset	AMD A75 Chipset											
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort, optional keyboard (PS/2), optional mouse (PS/2)											
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)											
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, Intel Centrino® Wireless-N 105, 1x1											
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB device)											
Audio	High Definition (HD) Audio, Realtek® ALC662 codec											
Speaker	Internal speaker for business audio											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Realtek RTL8111E, Wake on LAN®											
Modem	None											
Security chip	Trusted Platform Module (TPM 1.2-compliant)											
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Power supply	280 watts, autosensing, 85% PSU											
Machine	<ul style="list-style-type: none"> ● Business black color; metal case ● 6.9" W X 17.4" D X 16.3" H ● 175mm W X 442mm D X 414mm H ● 27.5 lb (12.5 kg) in maximum configuration ● Toolless cover removal, toolless adapter retention ● Toolless disk, optical drive removal 											Security
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader* Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk* *bay only available on models with HDD/SSD/reader installed											<ul style="list-style-type: none"> ● Security chip (see information on left) ● One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) ● Cable lock ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement ● Chassis intrusion switch on selected model(s)
Slot	Slot 1: half-length, full-height, PCI Express 2.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, 32-bit PCI 2.3 Slot 4: half-length, full-height, 32-bit PCI 2.3											EPEAT™ Gold rating ENERGY STAR 5.2-compliant ULE Gold RoHS-compliant
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet



See footnotes for important warranty information
US model(s) announced October 1, 2013

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Memory

2GB PC3-12800 DDR3 UDIMM	0A65728	ann	06/05/12
4GB PC3-12800 DDR3 UDIMM	0A65729	ann	06/05/12
8GB PC3-12800 DDR3 UDIMM	0A65730	ann	06/05/12

More information at

www.lenovo.com/support/desktopmemorycompatibility

Optical

Lenovo® Super Multi-Burner SATA Drive	0A65618	ann	08/23/11
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Storage and removable storage

500GB SATA 3.0Gb/s Disk (7200 rpm)	43R1990	ann	11/06/07
1TB SATA 3.0Gb/s Disk (7200 rpm)	45J7918	ann	08/19/08

USB 2.0 Portable 500GB Hard Disk	45K1690	ann	05/26/09
USB 3.0 Secure 500GB Hard Drive	0A65619	ann	11/29/11
USB 3.0 Secure 750GB Hard Drive	0A65616	ann	11/29/11
USB 3.0 Secure 1TB Hard Drive	0A65621	ann	08/28/12
Slim USB Portable DVD Burner	0A33988	ann	06/14/11

Graphics

Small 5100/4865/2113/2114 support Low Profile:

NVIDIA NVS 510 2GB Graphics Card by Lenovo ⁶⁷	0B47077	ann	01/29/13
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Tower 2111/1766/1562/1565 support 75 watts max:

NVIDIA NVS 510 2GB Graphics Card by Lenovo ⁶⁷	0B47077	ann	01/29/13
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⁶⁷ Simultaneously use the graphic card monitor ports along with the systems integrated monitor ports when Multi-Monitor Support is enabled in BIOS Setup.

More information at www.lenovo.com/support/graphiccards

Keyboard

Preferred Pro USB Keyboard	73P5220	ann	06/21/05
Enhanced Performance USB Keyboard	73P2620	ann	03/23/04
UltraSlim Plus Wireless Keyboard and Mouse ⁵²	0A34032	ann	04/05/11
ThinkPad® USB Keyboard with TrackPoint	55Y9003	ann	08/18/09
Lenovo USB Fingerprint Keyboard	73P4730	ann	02/22/05
Lenovo USB Smartcard Keyboard	51J0155	ann	03/24/09

⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.

More information at www.lenovo.com/support/keyboards

Mouse

Lenovo Optical Mouse (USB)	06P4069	ann	05/21/03
Lenovo ScrollPoint® Mouse(USB, Optical)	31P7405	ann	08/27/02
ThinkPad Travel Mouse (USB, Optical)	31P7410	ann	06/04/02
Lenovo Laser Mouse (USB)	41U3074	ann	01/23/07
Lenovo Wireless Laser Mouse ⁵²	0A36188	ann	12/20/11
ThinkPad USB Laser Mouse	57Y4635	ann	12/15/09

More information at www.lenovo.com/support/mice

Modem

USB 2.0 Lenovo Modem	43R1814	ann	02/26/08
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Multimedia

ThinkPad In-Ear Headphones with mic ⁶⁰	57Y4488	ann	01/07/10
Lenovo Mini Speakers M220	55Y2033	ann	01/07/10
Lenovo Speakers M0520 (black)	57Y6360	ann	02/08/11
Lenovo Speakers M0520 (red)	57Y6361	ann	02/08/11
Lenovo Headset P550	55Y2065		
Lenovo Headset P950 (black)	57Y6605	ann	02/08/11

⁶⁰ Has a 1.2 meter (3.9-foot) cable. Best when systems are in close proximity. Example: SFF placed on a desk.

Security

Kensington® MicroSaver® Cable Lock ⁵⁶	73P2582	ann	12/29/03
Kensington Twin Head Cable Lock ⁵⁶	45K1620	ann	09/30/08
Lenovo Security Cable Lock ⁵⁶	57Y4303	ann	08/24/10
USB Gemplus GemPC Smart Card Reader	41N3040	ann	02/21/06

⁵⁶ Attaching to any form factor not only secures the ThinkCentre to the work area, but it also prevents users from opening the chassis itself.

Monitors

ThinkVision LT1952p Wide 19" (VGA, DP, DVI-D) ⁶⁹	2448MB6	ann	09/13/11
ThinkVision L2251x Wide 22" (VGA, DP)	2578HB6	ann	10/20/09
ThinkVision LT2323p Wide 23" (VGA, DP, DVI-D) ⁶⁹	3024HC1	ann	05/01/12

⁶⁹ DisplayPort cable is not included; use optional DisplayPort to DisplayPort Monitor Cable (0A36537).

More information at www.lenovo.com/support/monitors

Monitor Accessories⁴⁶

DisplayPort™ to Single-link DVI-D Cable	45J7915	ann	08/05/08
DisplayPort to VGA Monitor Cable	57Y4393	ann	08/04/09
DisplayPort to DisplayPort Monitor Cable	0A36537	ann	09/13/11
Lenovo USB Soundbar	0A36190	ann	05/01/12
Kensington MicroSaver Cable Lock ⁵⁶	73P2582	ann	12/29/03
Kensington Twin Head Cable Lock ⁵⁶	45K1620	ann	09/30/08
Lenovo Security Cable Lock ⁵⁶	57Y4303	ann	08/24/10
ThinkCentre Extend Arm	57Y4352	ann	07/06/10

⁴⁶ Compatible on selected Lenovo and ThinkVision monitors.

More information at www.lenovo.com/support/monitoraccessories

For more information on accessories:

www.lenovo.com/accessories

Purchase Lenovo accessories

www.lenovo.com/support/accessories

Product specifications on Lenovo Support

www.lenovo.com/accessoriesguide

Option Compatibility Matrix (OCM) and accessory brochures

www.lenovoquickpick.com

An Options Compatibility Configurator for Lenovo systems



ThinkCentre M79
SFF and Tower



ThinkCentre M79 SFF with
optional monitor



ThinkCentre M79 Tower with
optional monitor



ThinkCentre M79 SFF
front and back view



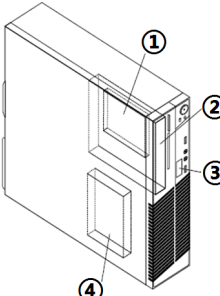
ThinkCentre M79 Tower
front and back view



ThinkCentre M79 SFF
inside view

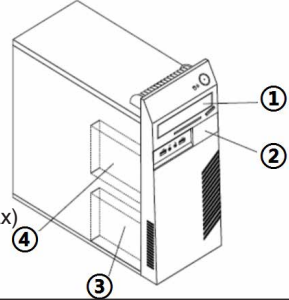
ThinkCentre M79 SFF Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD A4, A6, A8, or A10 series APUs	<ul style="list-style-type: none"> • Cable lock to physically lock both keyboard and mouse (optional) • Power-on password • Boot without keyboard and mouse • Individual USB port disablement • Optional <i>Chassis intrusion switch</i> 																																																
	<table border="1"> <thead> <tr> <th>APU</th> <th>Cores</th> <th>Frequency (Max/Base)</th> <th>L2 Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>A4-6300B</td> <td>2</td> <td>3.9 / 3.7</td> <td>1MB</td> <td>DDR3-1600</td> <td>HD 8370D</td> </tr> <tr> <td>A6-6400B</td> <td>2</td> <td>4.1 / 3.9</td> <td>1MB</td> <td>DDR3-1866</td> <td>HD 8470D</td> </tr> <tr> <td>A8-6500B</td> <td>4</td> <td>4.1 / 3.5</td> <td>4MB</td> <td>DDR3-1866</td> <td>HD 8570D</td> </tr> <tr> <td>A4 PRO-7300B</td> <td>2</td> <td>4.0 / 3.8</td> <td>1MB</td> <td>DDR3-1600</td> <td>HD 8470D</td> </tr> <tr> <td>A6 PRO-7400B</td> <td>2</td> <td>3.9 / 3.5</td> <td>1MB</td> <td>DDR3-1866</td> <td>Radeon R5 Series</td> </tr> <tr> <td>A8 PRO-7600B</td> <td>4</td> <td>3.8 / 3.1</td> <td>4MB</td> <td>DDR3-2133</td> <td>Radeon R7 Series</td> </tr> <tr> <td>A10 PRO-7800B</td> <td>4</td> <td>3.9 / 3.5</td> <td>4MB</td> <td>DDR3-2133</td> <td>Radeon R7 Series</td> </tr> </tbody> </table>	APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics	A4-6300B	2	3.9 / 3.7	1MB	DDR3-1600	HD 8370D	A6-6400B	2	4.1 / 3.9	1MB	DDR3-1866	HD 8470D	A8-6500B	4	4.1 / 3.5	4MB	DDR3-1866	HD 8570D	A4 PRO-7300B	2	4.0 / 3.8	1MB	DDR3-1600	HD 8470D	A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series	A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series	A10 PRO-7800B	4	3.9 / 3.5	4MB	DDR3-2133	Radeon R7 Series	<p>Keyboard</p> <p>Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector) Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black</p> <p>Mouse</p> <p>Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black</p>
APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics																																													
A4-6300B	2	3.9 / 3.7	1MB	DDR3-1600	HD 8370D																																													
A6-6400B	2	4.1 / 3.9	1MB	DDR3-1866	HD 8470D																																													
A8-6500B	4	4.1 / 3.5	4MB	DDR3-1866	HD 8570D																																													
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A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series																																													
A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series																																													
A10 PRO-7800B	4	3.9 / 3.5	4MB	DDR3-2133	Radeon R7 Series																																													
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets																																																	
Disk	<p>Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm</p> <p>Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</p> <p>Some: 1TB (7200 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 3.5" wide</p>																																																	
Optical	<p>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</p> <p>Some: DVD-ROM SATA 1.5Gb/s Drive</p> <p>Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive</p>																																																	
Onboard SATA	SATA 6.0Gb/s controller, three connectors on planar, RAID 0/1 support (only applicable on dual SSD models)																																																	
Media reader	Optional 7-in-1 single slot media card reader																																																	
Graphics	<p>AMD Radeon™ Graphics in processor, uses main memory, one VGA, one DisplayPort™, one optional DP, supports up to three independent displays, works along with optional discrete graphics to support up to five independent displays; <i>Maximum resolution: 1920x1200 (VGA)@60Hz; 2560x2048 (DisplayPort)@60Hz</i></p> <p>Some: AMD Radeon HD 8570, DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40W; <i>Max resolution: 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz</i></p> <p>Some: NVIDIA® GeForce® GT 620, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i></p> <p>Some: AMD Radeon™ HD 7450, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; <i>Max resolution: 2560x1600 (DisplayPort, DVI-I)@60Hz</i></p>																																																	
DP cable	Optional DisplayPort to DVI-D monitor cable																																																	
Chipset	AMD A78 Chipset																																																	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)																																																	
Rear ports	Up to six USB ports (2x USB 3.0 + 2x USB 2.0 + 2x optional USB 2.0), serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA, DisplayPort (1x standard + 1x optional), two PS/2 ports																																																	
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)																																																	
Audio support	Optional FireWire PCIe adapter, 1394a-2000, 400Mbps, two 6-pin ports on rear																																																	
WLAN ¹³	<p>Some: 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1</p> <p>Some: 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8192EE, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2</p> <p>Some: 11ac/b/g/n wireless, PCIe Half Mini Card, Broadcom BCM4352, dual band (2.4/5GHz), Wi-Fi + Bluetooth 4.0 combo adapter, 2x2</p>																																																	
Bluetooth™	Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																																																	
Ethernet	One gigabit ethernet port, Realtek 8111EPV, Wake on LAN®																																																	
Modem	None																																																	
Manageability	Enhanced Manageability with DASH 1.1																																																	
Security chip	Trusted Platform Module, TCG 1.2-compliant																																																	
Security features	<ul style="list-style-type: none"> • Padlock loop (in rear for opt padlock) • Security slot (in rear for optional Kensington® MicroSaver® cable) • Administrator password • Hard disk password • Boot sequence control 																																																	
Environment	ENERGY STAR® 6.0 (Need 85% PSU and Windows OS); EPEAT™ Gold rating (Need 85% PSU and Windows OS); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3																																																	
Accessories	For compatible accessories, please go to TC-AQP sheet																																																	

ThinkCentre M79 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD A4, A6, A8, or A10 series APUs						<ul style="list-style-type: none"> • Cable lock to physically lock both keyboard and mouse (optional) • Power-on password • Boot without keyboard and mouse • Individual USB port disablement • Optional <i>Chassis intrusion switch</i>
	APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics	
	A4-6300B	2	3.9 / 3.7	1MB	DDR3-1600	HD 8370D	
	A6-6400B	2	4.1 / 3.9	1MB	DDR3-1866	HD 8470D	
	A8-6500B	4	4.1 / 3.5	4MB	DDR3-1866	HD 8570D	
	A4 PRO-7300B	2	4.0 / 3.8	1MB	DDR3-1600	HD 8470D	
	A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series	
	A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series	
	A10 PRO-7800B	4	3.9 / 3.5	4MB	DDR3-2133	Radeon R7 Series	
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets						<ul style="list-style-type: none"> • Business black color; metal case, 20L • 6.3" W X 16.6" D X 15.3" H (with handle) • 160mm W X 422mm D X 388mm H • 20.7 lb (9.4 kg) in maximum configuration Bay 1: 5.25", 1.6" high, access, std optical Bay 2: N/A, N/A, access, opt reader Bay 3: 3.5", 1" high, no access, std disk Bay 4: 3.5", 1" high, no access, opt disk *bay only available on models with HDD/SSD/reader installed Slot 1: half-length, full-height, PCIe 3.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x1 Slot 4: half-length, full-height, 32-bit PCI 2.3 
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide <i>Some:</i> 1TB (7200 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 3.5" wide						
Optical	<i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide <i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive <i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive						
Onboard SATA Media reader	SATA 6.0Gb/s controller, three connectors on planar, RAID 0/1 support Optional 7-in-1 single slot media card reader						
Graphics	AMD Radeon™ Graphics in processor, uses main memory, one VGA, one DisplayPort™, one optional DP, supports up to three independent displays, works along with optional discrete graphics to support up to five independent displays; <i>Maximum resolution:</i> 1920x1200 (VGA) @60Hz; 2560x2048 (DisplayPort) @60Hz <i>Some:</i> AMD Radeon HD 8570 , DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40W; <i>Max resolution:</i> 4096x2160 (HDMI) @24Hz; 2048x1536 (VGA) @85Hz <i>Some:</i> NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution:</i> 2560x1600 (DisplayPort) @60Hz; 2048x1536 (VGA) @85Hz <i>Some:</i> AMD Radeon™ HD 7450 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; <i>Max resolution:</i> 2560x1600 (DisplayPort, DVI-I) @60Hz						
Power supply	<i>Some:</i> 180 watts, autosensing, 100-240V (50-60Hz) <i>Some:</i> 280 watts, autosensing, 100-240V (50-60Hz) <i>Some:</i> 280 watts, autosensing, 85% PSU, 100-240V (50-60Hz)						
Limited warranty ³	<i>Some:</i> 3-years, limited onsite service / service upgrades available <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>						
Preload	<i>Some:</i> Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit <i>Some:</i> Windows 7 Professional 32 <i>Some:</i> Windows 7 Professional 64 Ready to install applications (only some listed) <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Device Experience • Desktop Power Manager • View Management Utility • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote® • Nitro Pro 						
DP cable	Optional DisplayPort to DVI-D monitor cable						
Chipset	AMD A78 FCH						
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)						
Rear ports	Up to six USB ports (2x USB 3.0 + 2x USB 2.0 + 2x optional USB 2.0), serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA, DisplayPort (1x standard + 1x optional), two PS/2 ports						
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)						
IEEE 1394	Optional FireWire PCIe adapter, 1394a-2000, 400Mbps, two 6-pin ports on rear						
Audio support	High Definition (HD) Audio, Realtek ALC662 / internal speakers (1.5watt x 2)						
WLAN ¹³	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8192EE, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2 <i>Some:</i> 11ac/b/g/n wireless, PCIe Half Mini Card, Broadcom BCM4352, dual band (2.4/5GHz), Wi-Fi + Bluetooth 4.0 combo adapter, 2x2						
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter						
Ethernet	One gigabit ethernet port, Realtek 8111EPV, Wake on LAN®						
Modem	None						
Manageability	Enhanced Manageability with DASH 1.1						
Security chip	Trusted Platform Module, TCG 1.2-compliant						
Security features	<ul style="list-style-type: none"> • Padlock loop (in rear for opt padlock) • Security slot (in rear for optional Kensington® MicroSaver® cable) • Administrator password • Hard disk password • Boot sequence control 						
Environment	ENERGY STAR® 6.0 (Need 85% PSU and Windows OS); EPEAT™ Gold rating (Need 85% PSU and Windows OS); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3						
Accessories	For compatible accessories, please go to TC-AQP sheet						

See footnotes for more detailed information

(ALSK1-TW) September 2015 © Lenovo

ThinkCentre M79 SFF (10CV) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Graphics	Storage	Optical	WLAN	Media reader	2nd Serial / Parallel	PS/2 Ports	2nd DP Port	Optional 2 rear USB	IEEE 1394	Chassis intrusion switch	Cable lock	Floor Stand	Key-board/ Mouse	Power Supply	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10CV0000US	A6 6400B	4Gx1	HD 8470D	500G 7200	DVD±RW	None	None	None	PS/2	None	None	None	None	None	None	USB	180W	Win7 P64 DG Win8.1	3-onsite	No	07/14
10CV0001US	A8 6500B	4Gx1	HD 8570D	500G 7200	DVD±RW	None	None	None	PS/2	None	None	None	None	None	None	USB	180W	Win7 P64 DG Win8.1	3-onsite	No	07/14
10CV0002US	A8 7600B	4Gx1	Radeon R7 500G 7200	DVD±RW	None	None	None	None	PS/2	None	None	None	None	None	None	USB	240W	Win7 P64 DG Win8.1	3-onsite	No	07/14
10CV0003US	A4 6300B	4Gx1	HD 8370D	500G 7200	DVD	None	None	None	PS/2	None	None	None	None	None	None	USB	180W	Win7 P64 DG Win8.1	3-onsite	No	10/14
10CV000VUS	A6 7400B	4Gx1	Radeon R5 500GB 7200	DVD±RW	None	Media	None	None	PS/2	None	None	None	None	None	None	USB	180W	Win7 P64 DG Win8.1	3-onsite	No	02/15
10CV000WUS	A8 7600B	4Gx1	Radeon R7 500GB 7200	DVD±RW	None	None	None	None	PS/2	None	USB	None	None	Cable	None	USB	180W	Win7 P64 DG Win8.1	3-onsite	No	02/15
10CV000UUS	A10 7800B	8Gx1	Radeon R7 500GB 7200	DVD±RW	None	Media	None	None	PS/2	None	None	None	None	None	None	USB	180W	Win7 P64 DG Win8.1	3-onsite	No	02/15
10CV000TUS	A10 7800B	4Gx1	Radeon R7 500GB 7200	DVD±RW	None	Media	None	None	PS/2	None	None	None	None	None	None	USB	180W	Win7 P64 DG Win8.1	3-onsite	No	02/15
10CV000XUS	A8 7600B	4Gx1	Radeon R7 500GB 7200	DVD±RW	None	None	None	None	PS/2	None	None	None	Switch	None	Stand	USB	180W	Win7 P64 DG Win8.1	3-onsite	No	07/15

• For detailed platform specifications, please see [ThinkCentre M79 SFF Platform Specifications sheet](#)

Processor	AMD A4, A6, A8, or A10 series APUs						Manageability Security chip	Enhanced Manageability with DASH 1.1 Trusted Platform Module, TCG 1.2-compliant					
	APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics		Security features	<ul style="list-style-type: none"> • Padlock loop (in rear for opt padlock) • Security slot (in rear for optional Kensington® MicroSaver® cable) • Cable lock to physically lock both keyboard and mouse (optional) 				
	A4-6300B	2	3.9 / 3.7	1MB	DDR3-1600	HD 8370D			Keyboard	<ul style="list-style-type: none"> • Power-on, Admin, Hard Disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional <i>Chassis intrusion switch</i> 			
	A6-6400B	2	4.1 / 3.9	1MB	DDR3-1866	HD 8470D				Mouse	<ul style="list-style-type: none"> • Preferred Pro USB Keyboard (USB connector), Lenovo logo • Finger: Lenovo USB Fingerprint Keyboard (USB connector) • 2.4G: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black • USB: Enhanced Optical USB Mouse, black, Lenovo logo • 2.4G: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black 		
	A8-6500B	4	4.1 / 3.5	4MB	DDR3-1866	HD 8570D					Mechanical	<ul style="list-style-type: none"> • Business black color; metal case, 11L • 13.2" W X 15.0" D X 3.9" H • 335mm W X 382mm D X 101mm H • 14.6 lb (6.6 kg) in maximum configuration • Bay: 5.25" x1, 3.5" x1, SSD bay x1, MCR bay x1 • *SSD bay only available on models with 2nd SSD installed • Slot (Low Profile): one PCIe 3.0 x16 (40w max), two PCIe 2.0 x1, one PCI 2.3 	
	A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series						Floor Stand	<ul style="list-style-type: none"> • Optional system floor stand for vertical orientation
A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series	Power supply	<ul style="list-style-type: none"> • 180W: 180 watts, autosensing, 100-240V (50-60Hz) • 240W: 240 watts, autosensing, 100-240V (50-60Hz) • 240W ES: 240 watts, autosensing, 85% PSU, 100-240V (50-60Hz) 						
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets						Limited warranty ³	<ul style="list-style-type: none"> • Some: 3-years, limited onsite service / service upgrades available • Some: 3-years, limited onsite service, OID (Onsite International Delivery) / service upgrades available • For Lenovo service upgrade options, please go to <i>S-TC sheet</i> 					
Disk	<ul style="list-style-type: none"> • Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm • Some: 500GB (5400 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 2.5" • Some: 1TB (7200 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 3.5" wide • Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide 							Preload	<ul style="list-style-type: none"> • Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit • Some: Windows 7 Professional 32 • Some: Windows 7 Professional 64 • Some: Windows 8.1 64-bit • Some: Windows 8.1 Pro 64-bit 				
Optical	<ul style="list-style-type: none"> • Some: DVD-ROM SATA 1.5Gb/s Drive • Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive 								Environment	<ul style="list-style-type: none"> • ENERGY STAR® 6.0 (Need 85% PSU and Windows OS); • EPEAT™ Gold rating (Need 85% PSU and Windows OS); • GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3 			
Onboard SATA	SATA 6.0Gb/s controller, three connectors on planar, RAID 0/1 support (only applicable on dual SSD models)									Accessories	<ul style="list-style-type: none"> • For compatible accessories, please go to TC-AQP sheet 		
Media reader	Optional 7-in-1 single slot media card reader										Bluetooth™	<ul style="list-style-type: none"> • One gigabit ethernet port, Realtek 8111EPV, Wake on LAN® 	
Graphics	<ul style="list-style-type: none"> • AMD Radeon™ Graphics in processor, uses main memory, one VGA, one DisplayPort™, one optional DP, supports up to three independent displays, works along with optional discrete graphics to support up to five independent displays; • Some: AMD Radeon HD 8570, DirectX 11, one VGA, one HDMI, 40W; • Some: NVIDIA® GeForce® GT 620, DirectX 11, one VGA, one DisplayPort, 30W; • Some: AMD Radeon™ HD 7450, DirectX 11, one DVI-I one DisplayPort, 25W; • Optional DisplayPort to DVI-D monitor cable 											Ethernet	<ul style="list-style-type: none"> • None
DP cable	Optional DisplayPort to DVI-D monitor cable						Modem						<ul style="list-style-type: none"> • None
Chipset	AMD A78 Chipset												
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)												
Rear ports	Up to six USB ports (2x USB 3.0 + 2x USB 2.0 + 2x optional USB 2.0), serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA, DisplayPort (1x standard + 1x optional), two PS/2 ports												
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)												
IEEE 1394	Optional FireWire PCIe adapter, 1394a-2000, 400Mbps, two 6-pin ports on rear												
Audio support	High Definition (HD) Audio, Realtek ALC662 / internal speakers (1watt x 2)												
WLAN ¹³	<ul style="list-style-type: none"> • Some: 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 • Some: 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2 • Some: 11ac/b/g/n wireless, Broadcom BCM4352, 2.4/5GHz, Wi-Fi + BT 4.0, 2x2 												

See footnotes for more detailed information

ThinkCentre M79 SFF (10JB) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Graphics	Monitor cable	Storage	Optical	WLAN	Media reader	2nd Serial / Parallel	PS/2 Ports	2nd DP Port	Optional 2 rear USB	IEEE 1394	Chassis intrusion switch	Cable lock	Floor Stand	Key-board/ Mouse	Power Supply	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10JB0009US	A4 7300B	4Gx1	HD 8470D	DP to DVI	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	None	None	None	USB	240W ES	Win10 Pro64	3-onsite	No	09/15
10JB000AUS	A6 7400B	4Gx1	Radeon R5	DP to DVI	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	None	None	None	USB	240W ES	Win10 Pro64	3-onsite	No	09/15
10JB000DUS	A10 7800B	4Gx1	Radeon R7	DP to DVI	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	None	None	None	USB	240W ES	Win10 Pro64	3-onsite	No	09/15
10JB000FUS	A8 7600B	4Gx1	Radeon R7	DP to DVI	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	None	None	None	USB	240W ES	Win10 Pro64	3-onsite	No	09/15

• For detailed platform specifications, please see [ThinkCentre M79 SFF Platform Specifications sheet](#)

Processor	AMD A4, A6, A8, or A10 series APUs	Manageability	Enhanced Manageability with DASH 1.1																														
	<table border="1"> <thead> <tr> <th>APU</th> <th>Cores</th> <th>Frequency (Max/Base)</th> <th>L2 Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>A4 PRO-7300B</td> <td>2</td> <td>4.0 / 3.8</td> <td>1MB</td> <td>DDR3-1600</td> <td>HD 8470D</td> </tr> <tr> <td>A6 PRO-7400B</td> <td>2</td> <td>3.9 / 3.5</td> <td>1MB</td> <td>DDR3-1866</td> <td>Radeon R5 Series</td> </tr> <tr> <td>A8 PRO-7600B</td> <td>4</td> <td>3.8 / 3.1</td> <td>4MB</td> <td>DDR3-2133</td> <td>Radeon R7 Series</td> </tr> <tr> <td>A10 PRO-7800B</td> <td>4</td> <td>3.9 / 3.5</td> <td>4MB</td> <td>DDR3-2133</td> <td>Radeon R7 Series</td> </tr> </tbody> </table>	APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics	A4 PRO-7300B	2	4.0 / 3.8	1MB	DDR3-1600	HD 8470D	A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series	A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series	A10 PRO-7800B	4	3.9 / 3.5	4MB	DDR3-2133	Radeon R7 Series	Security chip	Trusted Platform Module, TCG 1.2-compliant
APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics																												
A4 PRO-7300B	2	4.0 / 3.8	1MB	DDR3-1600	HD 8470D																												
A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series																												
A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series																												
A10 PRO-7800B	4	3.9 / 3.5	4MB	DDR3-2133	Radeon R7 Series																												
		Security features	<ul style="list-style-type: none"> • Padlock loop (in rear for opt padlock) • Security slot (in rear for optional Kensington® MicroSaver® cable) • Cable lock to physically lock both keyboard and mouse (optional) • Power-on, Admin, Hard Disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional <i>Chassis intrusion switch</i> 																														
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets	Keyboard	<p>USB: Preferred Pro USB Keyboard (USB connector), Lenovo logo</p> <p>Finger: Lenovo USB Fingerprint Keyboard (USB connector)</p> <p>2.4G: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black</p>																														
Disk	<p><i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm</p> <p><i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 2.5"</p> <p><i>Some:</i> 1TB (7200 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 3.5" wide</p> <p><i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</p>	Mouse	<p>USB: Enhanced Optical USB Mouse, black, Lenovo logo</p> <p>2.4G: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black</p>																														
Optical	<p><i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive</p> <p><i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive</p>	Mechanical	<ul style="list-style-type: none"> • Business black color; metal case, 11L • 13.2" W X 15.0" D X 3.9" H • 335mm W X 382mm D X 101mm H • 14.6 lb (6.6 kg) in maximum configuration Bay: 5.25" x1, 3.5"x1, SSD bay x1, MCR bay x1 *SSD bay only available on models with 2nd SSD installed 																														
Onboard SATA	SATA 6.0Gb/s controller, three connectors on planar, RAID 0/1 support (only applicable on dual SSD models)	Floor Stand	<p>Slot (Low Profile): one PCIe 3.0 x16 (40w max), two PCIe 2.0 x1, one PCI 2.3</p> <p>Optional system floor stand for vertical orientation</p>																														
Media reader	Optional 7-in-1 single slot media card reader	Power supply	<p>180W: 180 watts, autosensing, 100-240V (50-60Hz)</p> <p>240W: 240 watts, autosensing, 100-240V (50-60Hz)</p> <p>240W ES: 240 watts, autosensing, 85% PSU, 100-240V (50-60Hz)</p>																														
Graphics	<p>AMD Radeon™ Graphics in processor, uses main memory, one VGA, one DisplayPort™, one optional DP, supports up to three independent displays, works along with optional discrete graphics to support up to five independent displays;</p> <p><i>Some:</i> AMD Radeon HD 8570, DirectX 11, one VGA, one HDMI, 40W;</p> <p><i>Some:</i> NVIDIA® GeForce® GT 620, DirectX 11, one VGA, one DisplayPort, 30W;</p> <p><i>Some:</i> AMD Radeon™ HD 7450, DirectX 11, one DVI-I one DisplayPort, 25W;</p> <p>Optional DisplayPort to DVI-D monitor cable</p>	Limited warranty ³	<p><i>Some:</i> 3-years, limited onsite service / service upgrades available</p> <p><i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / service upgrades available</p> <p><i>For Lenovo service upgrade options, please go to S-TC sheet</i></p>																														
DP cable	Optional DisplayPort to DVI-D monitor cable	Preload	<i>Some:</i> Windows 10 Pro 64-bit																														
Chipset	AMD A78 Chipset	Environment	<p>ENERGY STAR® 6.0 (Need 85% PSU and Windows OS);</p> <p>EPEAT™ Gold rating (Need 85% PSU and Windows OS);</p> <p>GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3</p>																														
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	Accessories	For compatible accessories, please go to TC-AQP sheet																														
Rear ports	Up to six USB ports (2x USB 3.0 + 2x USB 2.0 + 2x optional USB 2.0), serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA, DisplayPort (1x standard + 1x optional), two PS/2 ports																																
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)																																
IEEE 1394	Optional FireWire PCIe adapter, 1394a-2000, 400Mbps, two 6-pin ports on rear																																
Audio support	High Definition (HD) Audio, Realtek ALC662 / internal speakers (1watt x 2)																																
WLAN ¹³	<p><i>Some:</i> 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1</p> <p><i>Some:</i> 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2</p> <p><i>Some:</i> 11ac/b/g/n wireless, Broadcom BCM4352, 2.4/5GHz, Wi-Fi + BT 4.0, 2x2</p>																																
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																																
Ethernet	One gigabit ethernet port, Realtek 8111EPV, Wake on LAN®																																
Modem	None																																

See footnotes for more detailed information

ThinkCentre M79 SFF (10JB) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Graphics	Monitor cable	Storage	Optical	WLAN	Media reader	2nd Serial / Parallel	PS/2 Ports	2nd DP Port	Optional 2 rear USB	IEEE 1394	Chassis intrusion switch	Cable lock	Floor Stand	Keyboard/Mouse	Power Supply	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10JB0005US	A10 8750B	4Gx1	Radeon R7	None	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	Switch	Cable	None	USB	240W ES	Win7 P64 DG Win10	3-onsite	No	10/15
10JB0006US	A4 8350B	4Gx1	Radeon R5	None	500GB 7200	DVD±RW	8723BE	None	None	PS/2	2nd DP	None	None	Switch	Cable	None	USB	240W ES	Win7 P64 DG Win10	3-onsite	No	10/15
10JB0007US	A8 8650B	4Gx1	Radeon R7	None	500GB 7200	DVD±RW	8723BE	None	None	PS/2	2nd DP	None	1394	Switch	Cable	None	USB	240W ES	Win7 P64 DG Win10	3-onsite	No	10/15
10JB0008US	A6 8550B	4Gx1	Radeon R5	None	500GB 7200	DVD±RW	8723BE	None	None	PS/2	2nd DP	None	None	Switch	Cable	None	USB	240W ES	Win7 P64 DG Win10	3-onsite	No	10/15
10JB000BUS	A4 7300B	4Gx1	HD 8470D	DP to DVI	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	None	None	None	USB	240W ES	Win7 P64 DG Win10	3-onsite	No	10/15
10JB000CUS	A6 7400B	4Gx1	Radeon R5	DP to DVI	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	None	None	None	USB	240W ES	Win7 P64 DG Win10	3-onsite	No	10/15
10JB000EUS	A10 7800B	4Gx1	Radeon R7	DP to DVI	2x500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	None	None	None	USB	240W ES	Win7 P64 DG Win10	3-onsite	No	10/15
10JB000GUS	A8 7600B	4Gx1	Radeon R7	DP to DVI	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	None	None	None	USB	240W ES	Win7 P64 DG Win10	3-onsite	No	10/15
10JB000HUS	A10 7800B	4Gx1	Radeon R7	None	500GB 7200	DVD±RW	None	Media	None	PS/2	None	None	None	None	None	None	USB	240W ES	Win7 P64 DG Win10	3-onsite	No	12/15
10JB000KUS	A4 7300B	4Gx1	HD 8470D	None	500GB 7200	DVD±RW	None	Media	None	PS/2	None	None	None	None	None	None	USB	240W ES	Win7 P64 DG Win10	3-onsite	No	12/15
10JB000LUS	A6 7400B	4Gx1	Radeon R5	None	500GB 7200	DVD±RW	None	Media	None	PS/2	None	None	None	None	None	None	USB	240W ES	Win7 P64 DG Win10	3-onsite	No	12/15
10JB000JUS	A8 7600B	4Gx1	Radeon R7	None	500GB 7200	DVD±RW	None	Media	None	PS/2	None	None	None	None	None	None	USB	240W ES	Win7 P64 DG Win10	3-onsite	No	12/15

• For detailed platform specifications, please see [ThinkCentre M79 SFF Platform Specifications sheet](#)

Processor	AMD A4, A6, A8, or A10 series APUs	Bluetooth™ Ethernet Modem	Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter One gigabit ethernet port, Realtek 8111EPV, Wake on LAN® None																																																						
	<table border="1"> <thead> <tr> <th>APU</th> <th>Cores</th> <th>Frequency (Max/Base)</th> <th>L2 Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>A4 PRO-7300B</td> <td>2</td> <td>4.0 / 3.8</td> <td>1MB</td> <td>DDR3-1600</td> <td>HD 8470D</td> </tr> <tr> <td>PRO A4-8350B</td> <td>2</td> <td>3.9 / 3.5</td> <td>1MB</td> <td>DDR3-1866</td> <td>Radeon R5 Series</td> </tr> <tr> <td>A6 PRO-7400B</td> <td>2</td> <td>3.9 / 3.5</td> <td>1MB</td> <td>DDR3-1866</td> <td>Radeon R5 Series</td> </tr> <tr> <td>PRO A6-8550B</td> <td>2</td> <td>4.0 / 3.7</td> <td>1MB</td> <td>DDR3-2133</td> <td>Radeon R5 Series</td> </tr> <tr> <td>A8 PRO-7600B</td> <td>4</td> <td>3.8 / 3.1</td> <td>4MB</td> <td>DDR3-2133</td> <td>Radeon R7 Series</td> </tr> <tr> <td>PRO A8-8650B</td> <td>4</td> <td>3.9 / 3.2</td> <td>4MB</td> <td>DDR3-2133</td> <td>Radeon R7 Series</td> </tr> <tr> <td>A10 PRO-7800B</td> <td>4</td> <td>3.9 / 3.5</td> <td>4MB</td> <td>DDR3-2133</td> <td>Radeon R7 Series</td> </tr> <tr> <td>PRO A10-8750B</td> <td>4</td> <td>4.0 / 3.6</td> <td>4MB</td> <td>DDR3-2133</td> <td>Radeon R7 Series</td> </tr> </tbody> </table>	APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics	A4 PRO-7300B	2	4.0 / 3.8	1MB	DDR3-1600	HD 8470D	PRO A4-8350B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series	A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series	PRO A6-8550B	2	4.0 / 3.7	1MB	DDR3-2133	Radeon R5 Series	A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series	PRO A8-8650B	4	3.9 / 3.2	4MB	DDR3-2133	Radeon R7 Series	A10 PRO-7800B	4	3.9 / 3.5	4MB	DDR3-2133	Radeon R7 Series	PRO A10-8750B	4	4.0 / 3.6	4MB	DDR3-2133	Radeon R7 Series	Manageability Security chip	Enhanced Manageability with DASH 1.1 Trusted Platform Module, TCG 1.2-compliant
APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics																																																				
A4 PRO-7300B	2	4.0 / 3.8	1MB	DDR3-1600	HD 8470D																																																				
PRO A4-8350B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series																																																				
A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series																																																				
PRO A6-8550B	2	4.0 / 3.7	1MB	DDR3-2133	Radeon R5 Series																																																				
A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series																																																				
PRO A8-8650B	4	3.9 / 3.2	4MB	DDR3-2133	Radeon R7 Series																																																				
A10 PRO-7800B	4	3.9 / 3.5	4MB	DDR3-2133	Radeon R7 Series																																																				
PRO A10-8750B	4	4.0 / 3.6	4MB	DDR3-2133	Radeon R7 Series																																																				
		Security features	<ul style="list-style-type: none"> • Padlock loop (in rear for opt padlock) • Security slot (in rear for optional Kensington® MicroSaver® cable) • Cable lock to physically lock both keyboard and mouse (optional) • Power-on, Admin, Hard Disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional <i>Chassis intrusion switch</i> 																																																						
		Keyboard	USB: Preferred Pro USB Keyboard (USB connector), Lenovo logo Finger: Lenovo USB Fingerprint Keyboard (USB connector) 2.4G: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black USB: Enhanced Optical USB Mouse, black, Lenovo logo 2.4G: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																						
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets	Mouse																																																							
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 2.5" <i>Some:</i> 1TB (7200 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 3.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide	Mechanical	<ul style="list-style-type: none"> • Business black color; metal case, 11L • 13.2" W X 15.0" D X 3.9" H • 335mm W X 382mm D X 101mm H • 14.6 lb (6.6 kg) in maximum configuration Bay: 5.25" x1, 3.5"x1, SSD bay x1, MCR bay x1 *SSD bay only available on models with 2nd SSD installed Slot (Low Profile): one PCIe 3.0 x16 (40w max), two PCIe 2.0 x1, one PCI 2.3 																																																						
Optical	<i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive <i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Floor Stand	Optional system floor stand for vertical orientation																																																						
Onboard SATA	SATA 6.0Gb/s controller, three connectors on planar, RAID 0/1 support (only applicable on dual SSD models)	Power supply	180W: 180 watts, autosensing, 100-240V (50-60Hz) 240W: 240 watts, autosensing, 100-240V (50-60Hz) 240W ES: 240 watts, autosensing, 85% PSU, 100-240V (50-60Hz)																																																						
Media reader	Optional 7-in-1 single slot media card reader	Limited warranty ³	<i>Some:</i> 3-years, limited onsite service / service upgrades available <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>																																																						
Graphics	AMD Radeon™ Graphics in processor, uses main memory, one VGA, one DisplayPort™, one optional DP, supports up to three independent displays, works along with optional discrete graphics to support up to five independent displays; <i>Some:</i> AMD Radeon HD 8570 , DirectX 11, one VGA, one HDMI, 40W; <i>Some:</i> NVIDIA® GeForce® GT 620 , DirectX 11, one VGA, one DisplayPort, 30W; <i>Some:</i> AMD Radeon™ HD 7450 , DirectX 11, one DVI-I one DisplayPort, 25W; Optional DisplayPort to DVI-D monitor cable	Preload	<i>Some:</i> Windows 10 Pro 64-bit																																																						
DP cable	Optional DisplayPort to DVI-D monitor cable	Environment	ENERGY STAR® 6.0 (Need 85% PSU and Windows OS); EPEAT™ Gold rating (Need 85% PSU and Windows OS); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3																																																						
Chipset	AMD A78 Chipset	Accessories	For compatible accessories, please go to TC-AQP sheet																																																						
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)																																																								
Rear ports	Up to six USB ports (2x USB 3.0 + 2x USB 2.0 + 2x optional USB 2.0), serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA, DisplayPort (1x standard + 1x optional), two PS/2 ports																																																								
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)																																																								
IEEE 1394	Optional FireWire PCIe adapter, 1394a-2000, 400Mbps, two 6-pin ports on rear																																																								
Audio support	High Definition (HD) Audio, Realtek ALC662 / internal speakers (1watt x 2)																																																								
WLAN ¹³	<i>Some:</i> 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 <i>Some:</i> 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2 <i>Some:</i> 11ac/b/g/n wireless, Broadcom BCM4352, 2.4/5GHz, Wi-Fi + BT 4.0, 2x2																																																								

See footnotes for more detailed information

ThinkCentre M79 Tower (10CN) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Graphics	Storage	Optical	WLAN	Media reader	2nd Serial / Parallel	PS/2 Ports	2nd DP Port	Optional 2 rear USB	IEEE 1394	Chassis intrusion switch	Cable lock	Floor Stand	Key-board/ Mouse	Power Supply	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10CN0000US	A4 6300B	4Gx1	HD 8370D	500G 7200	DVD±RW	None	None	None	PS/2	None	None	None	None	None	None	USB	180W	Win7 P64 DG Win8.1	3-onsite	No	07/14
10CN0001US	A8 6500B	4Gx1	HD 8570D	500G 7200	DVD±RW	None	None	None	PS/2	None	None	None	None	None	None	USB	180W	Win7 P64 DG Win8.1	3-onsite	No	07/14
10CN0002US	A8 7600B	4Gx1	Radeon R7	500G 7200	DVD±RW	None	None	None	PS/2	None	None	None	None	None	None	USB	280W	Win7 P64 DG Win8.1	3-onsite	No	07/14
10CN0003US	A6 6400B	4Gx1	HD 8470D	500G 7200	DVD±RW	None	None	None	PS/2	None	None	None	None	None	None	USB	180W	Win7 P64 DG Win8.1	3-onsite	No	07/14
10CN000WUS	A10 7800B	8Gx1	Radeon R7	500GB 7200	DVD±RW	None	None	None	PS/2	None	None	None	None	None	None	USB	280W	Win7 P64 DG Win8.1	3-onsite	No	11/14
10CN000VUS	A10 7800B	4Gx1	Radeon R7	500GB 7200	DVD±RW	None	None	None	PS/2	None	None	None	None	None	None	USB	280W	Win7 P64 DG Win8.1	3-onsite	No	11/14
10CN000XUS	A6 7400B	4Gx1	Radeon R5	500GB 7200	DVD±RW	None	None	None	PS/2	None	None	None	None	None	None	USB	180W	Win7 P64 DG Win8.1	3-onsite	No	02/15
10CN000YUS	A8 7600B	4Gx1	Radeon R7	500GB 7200	DVD±RW	None	Media	None	PS/2	None	None	None	None	None	None	USB	180W	Win7 P64 DG Win8.1	3-onsite	No	07/15

• For detailed platform specifications, please see [ThinkCentre M79 Tower Platform Specifications sheet](#)

Processor	AMD A4, A6, A8, or A10 series APUs						Manageability Security chip Security features	Enhanced Manageability with DASH 1.1 Trusted Platform Module, TCG 1.2-compliant • Padlock loop (in rear for opt padlock) • Security slot (in rear for optional Kensington® MicroSaver® cable) • Cable lock to physically lock both keyboard and mouse (optional) • Power-on, Admin, Hard Disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional <i>Chassis intrusion switch</i>
	APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics		
	A4-6300B	2	3.9 / 3.7	1MB	DDR3-1600	HD 8370D		
	A6-6400B	2	4.1 / 3.9	1MB	DDR3-1866	HD 8470D		
	A8-6500B	4	4.1 / 3.5	4MB	DDR3-1866	HD 8570D		
	A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series		
A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series			
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets						Keyboard	<i>USB:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Finger:</i> Lenovo USB Fingerprint Keyboard (USB connector)
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 2.5" <i>Some:</i> 1TB (7200 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 3.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide <i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive						Mouse	<i>USB:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>2.4G:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black
Optical	<i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive						Mechanical	• Business black color; metal case, 20L • 6.3" W X 16.6" D X 15.3" H (with handle) • 160mm W X 422mm D X 388mm H • 20.7 lb (9.4 kg) in maximum configuration Bay: 5.25" x1, 3.5" x2, MCR Bay x1 Slot (half-length): one PCIe 3.0 x16 (60w max), two PCIe 2.0 x1, one PCI 2.3
Onboard SATA Media reader	SATA 6.0Gb/s controller, three connectors on planar, RAID 0/1 support Optional 7-in-1 single slot media card reader						Power supply	<i>180W:</i> 180 watts, autosensing, 100-240V (50-60Hz) <i>280W:</i> 280 watts, autosensing, 100-240V (50-60Hz) <i>280W ES:</i> 280 watts, autosensing, 85% PSU, 100-240V (50-60Hz)
Graphics	AMD Radeon™ Graphics in processor, uses main memory, one VGA, one DisplayPort™, one optional DP, supports up to three independent displays, works along with optional discrete graphics to support up to five independent displays; <i>Some:</i> AMD Radeon HD 8570 , DirectX 11, one VGA, one HDMI, 40W; <i>Some:</i> NVIDIA® GeForce® GT 620 , DirectX 11, one VGA, one DisplayPort, 30W; <i>Some:</i> AMD Radeon™ HD 7450 , DirectX 11, one DVI-I one DisplayPort, 25W; Optional DisplayPort to DVI-D monitor cable						Limited warranty ³	<i>Some:</i> 3-years, limited onsite service / service upgrades available <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>
DP cable	Optional DisplayPort to DVI-D monitor cable						Preload	<i>Some:</i> Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit <i>Some:</i> Windows 7 Professional 32 <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit
Chipset	AMD A78 FCH						Environment	ENERGY STAR® 6.0 (Need 85% PSU and Windows OS); EPEAT™ Gold rating (Need 85% PSU and Windows OS); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)						Accessories	For compatible accessories, please go to TC-AQP sheet
Rear ports	Up to six USB ports (2x USB 3.0 + 2x USB 2.0 + 2x optional USB 2.0), serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA, DisplayPort (1x standard + 1x optional), two PS/2 ports							
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)							
IEEE 1394	Optional FireWire PCIe adapter, 1394a-2000, 400Mbps, two 6-pin ports on rear							
Audio support	High Definition (HD) Audio, Realtek ALC662 / internal speakers (1.5watt x 2)							
WLAN ¹³	<i>Some:</i> 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 <i>Some:</i> 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2 <i>Some:</i> 11ac/b/g/n wireless, Broadcom BCM4352, 2.4/5GHz, Wi-Fi + BT 4.0, 2x2							
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter							
Ethernet	One gigabit ethernet port, Realtek 8111EPV, Wake on LAN®							
Modem	None							

See footnotes for more detailed information

ThinkCentre M79 Tower (10J7) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Graphics	Monitor Cable	Storage	Optical	WLAN	Media reader	2nd Serial / Parallel	PS/2 Ports	2nd DP Port	Optional 2 rear USB	IEEE 1394	Chassis intrusion switch	Cable lock	Floor Stand	Key-board/ Mouse	Power Supply	Preload	Base Warranty (year)	Ann Date Global (mm/yy)
10J7000DUS	A4 7300B	4Gx1	HD 8470D	DP to DVI	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	None	None	None	USB	280W ES	Win10 Pro64	3-onsite	No 09/15
10J7000EUS	A8 7600B	4Gx1	Radeon R7	DP to DVI	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	None	None	None	USB	280W ES	Win10 Pro64	3-onsite	No 09/15
10J7000FUS	A6 7400B	4Gx1	Radeon R5	DP to DVI	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	None	None	None	USB	280W ES	Win10 Pro64	3-onsite	No 09/15
10J7000HUS	A10 7800B	4Gx1	Radeon R7	DP to DVI	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	None	None	None	USB	280W ES	Win10 Pro64	3-onsite	No 09/15

• For detailed platform specifications, please see [ThinkCentre M79 Tower Platform Specifications sheet](#)

Processor	AMD A4, A6, A8, or A10 series APUs	Manageability Security chip	Enhanced Manageability with DASH 1.1 Trusted Platform Module, TCG 1.2-compliant																														
	<table border="1"> <thead> <tr> <th>APU</th> <th>Cores</th> <th>Frequency (Max/Base)</th> <th>L2 Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>A4 PRO-7300B</td> <td>2</td> <td>4.0 / 3.8</td> <td>1MB</td> <td>DDR3-1600</td> <td>HD 8470D</td> </tr> <tr> <td>A6 PRO-7400B</td> <td>2</td> <td>3.9 / 3.5</td> <td>1MB</td> <td>DDR3-1866</td> <td>Radeon R5 Series</td> </tr> <tr> <td>A8 PRO-7600B</td> <td>4</td> <td>3.8 / 3.1</td> <td>4MB</td> <td>DDR3-2133</td> <td>Radeon R7 Series</td> </tr> <tr> <td>A10 PRO-7800B</td> <td>4</td> <td>3.9 / 3.5</td> <td>4MB</td> <td>DDR3-2133</td> <td>Radeon R7 Series</td> </tr> </tbody> </table>	APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics	A4 PRO-7300B	2	4.0 / 3.8	1MB	DDR3-1600	HD 8470D	A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series	A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series	A10 PRO-7800B	4	3.9 / 3.5	4MB	DDR3-2133	Radeon R7 Series	Security features	<ul style="list-style-type: none"> • Padlock loop (in rear for opt padlock) • Security slot (in rear for optional Kensington® MicroSaver® cable) • Cable lock to physically lock both keyboard and mouse (optional) • Power-on, Admin, Hard Disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional <i>Chassis intrusion switch</i>
APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics																												
A4 PRO-7300B	2	4.0 / 3.8	1MB	DDR3-1600	HD 8470D																												
A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series																												
A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series																												
A10 PRO-7800B	4	3.9 / 3.5	4MB	DDR3-2133	Radeon R7 Series																												
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets	Keyboard	USB: Preferred Pro USB Keyboard (USB connector), Lenovo logo Finger: Lenovo USB Fingerprint Keyboard (USB connector)																														
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 2.5" <i>Some:</i> 1TB (7200 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 3.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide <i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive <i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Mouse	2.4G: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black USB: Enhanced Optical USB Mouse, black, Lenovo logo 2.4G: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black																														
Optical	<i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive <i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Mechanical	<ul style="list-style-type: none"> • Business black color; metal case, 20L • 6.3" W X 16.6" D X 15.3" H (with handle) • 160mm W X 422mm D X 388mm H • 20.7 lb (9.4 kg) in maximum configuration Bay: 5.25" x1, 3.5" x2, MCR Bay x1 Slot (half-length): one PCIe 3.0 x16 (60w max), two PCIe 2.0 x1, one PCI 2.3																														
Onboard SATA Media reader	SATA 6.0Gb/s controller, three connectors on planar, RAID 0/1 support Optional 7-in-1 single slot media card reader	Power supply	180W: 180 watts, autosensing, 100-240V (50-60Hz) 280W: 280 watts, autosensing, 100-240V (50-60Hz) 280W ES: 280 watts, autosensing, 85% PSU, 100-240V (50-60Hz)																														
Graphics	AMD Radeon™ Graphics in processor, uses main memory, one VGA, one DisplayPort™, one optional DP, supports up to three independent displays, works along with optional discrete graphics to support up to five independent displays; <i>Some:</i> AMD Radeon HD 8570 , DirectX 11, one VGA, one HDMI, 40W; <i>Some:</i> NVIDIA® GeForce® GT 620 , DirectX 11, one VGA, one DisplayPort, 30W; <i>Some:</i> AMD Radeon™ HD 7450 , DirectX 11, one DVI-I one DisplayPort, 25W; Optional DisplayPort to DVI-D monitor cable	Limited warranty ³	<i>Some:</i> 3-years, limited onsite service / service upgrades available <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to <i>S-TC sheet</i>																														
DP cable	Optional DisplayPort to DVI-D monitor cable	Preload	<i>Some:</i> Windows 10 Pro 64-bit																														
Chipset	AMD A78 FCH	Environment	ENERGY STAR® 6.0 (Need 85% PSU and Windows OS); EPEAT™ Gold rating (Need 85% PSU and Windows OS); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3																														
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	Accessories	For compatible accessories, please go to TC-AQP sheet																														
Rear ports	Up to six USB ports (2x USB 3.0 + 2x USB 2.0 + 2x optional USB 2.0), serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA, DisplayPort (1x standard + 1x optional), two PS/2 ports																																
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)																																
IEEE 1394	Optional FireWire PCIe adapter, 1394a-2000, 400Mbps, two 6-pin ports on rear																																
Audio support	High Definition (HD) Audio, Realtek ALC662 / internal speakers (1.5watt x 2)																																
WLAN ¹³	<i>Some:</i> 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 <i>Some:</i> 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2 <i>Some:</i> 11ac/b/g/n wireless, Broadcom BCM4352, 2.4/5GHz, Wi-Fi + BT 4.0, 2x2																																
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																																
Ethernet	One gigabit ethernet port, Realtek 8111EPV, Wake on LAN®																																
Modem	None																																

See footnotes for more detailed information

ThinkCentre M79 Tower (10J7) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Graphics	Monitor Cable	Storage	Optical	WLAN	Media reader	2nd Serial / Parallel	PS/2 Ports	2nd DP Port	Optional 2 rear USB	IEEE 1394	Chassis intrusion switch	Cable lock	Floor Stand	Key-board/ Mouse	Power Supply	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10J70009US	A4 8350B	4Gx1	Radeon R5	None	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	Switch	Cable	None	USB	280W ES	Win7 P64 DG Win10	3-onsite	No	10/15
10J7000AUS	A8 8650B	4Gx1	Radeon R7	None	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	Switch	Cable	None	USB	280W ES	Win7 P64 DG Win10	3-onsite	No	10/15
10J7000BUS	A10 8750B	4Gx1	Radeon R7	None	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	Switch	Cable	None	USB	280W ES	Win7 P64 DG Win10	3-onsite	No	10/15
10J7000CUS	A6 8550B	4Gx1	Radeon R5	None	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	Switch	Cable	None	USB	280W ES	Win7 P64 DG Win10	3-onsite	No	10/15
10J7000GUS	A4 7300B	4Gx1	HD 8470D	DP to DVI	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	None	None	None	USB	280W ES	Win7 P64 DG Win10	3-onsite	No	10/15
10J7000JUS	A6 7400B	4Gx1	Radeon R5	DP to DVI	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	None	None	None	USB	280W ES	Win7 P64 DG Win10	3-onsite	No	10/15
10J7000KUS	A10 7800B	4Gx1	Radeon R7	DP to DVI	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	None	None	None	USB	280W ES	Win7 P64 DG Win10	3-onsite	No	10/15
10J7000LUS	A8 7600B	4Gx1	Radeon R7	DP to DVI	500GB 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	None	None	None	USB	280W ES	Win7 P64 DG Win10	3-onsite	No	10/15

• For detailed platform specifications, please see [ThinkCentre M79 Tower Platform Specifications sheet](#)

Processor	AMD A4, A6, A8, or A10 series APUs						Bluetooth™	Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
							Ethernet Modem	One gigabit ethernet port, Realtek 8111EPV, Wake on LAN®
							Security chip	None
							Security features	Enhanced Manageability with DASH 1.1 Trusted Platform Module, TCG 1.2-compliant
								<ul style="list-style-type: none"> • Padlock loop (in rear for opt padlock) • Security slot (in rear for optional Kensington® MicroSaver® cable) • Cable lock to physically lock both keyboard and mouse (optional) • Power-on, Admin, Hard Disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional <i>Chassis intrusion switch</i>
							Keyboard	USB: Preferred Pro USB Keyboard (USB connector), Lenovo logo Finger: Lenovo USB Fingerprint Keyboard (USB connector) 2.4G: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black
							Mouse	USB: Enhanced Optical USB Mouse, black, Lenovo logo 2.4G: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black
							Mechanical	<ul style="list-style-type: none"> • Business black color; metal case, 20L • 6.3" W X 16.6" D X 15.3" H (with handle) • 160mm W X 422mm D X 388mm H • 20.7 lb (9.4 kg) in maximum configuration Bay: 5.25" x1, 3.5" x2, MCR Bay x1 Slot (half-length): one PCIe 3.0 x16 (60w max), two PCIe 2.0 x1, one PCI 2.3
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets						Power supply	180W: 180 watts, autosensing, 100-240V (50-60Hz) 280W: 280 watts, autosensing, 100-240V (50-60Hz) 280W ES: 280 watts, autosensing, 85% PSU, 100-240V (50-60Hz)
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 2.5" <i>Some:</i> 1TB (7200 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 3.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide <i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive <i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive						Limited warranty ³	<i>Some:</i> 3-years, limited onsite service / service upgrades available <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet
Optical	SATA 6.0Gb/s controller, three connectors on planar, RAID 0/1 support						Preload	Some: Windows 10 Pro 64-bit
Onboard SATA	Optional 7-in-1 single slot media card reader						Environment	ENERGY STAR® 6.0 (Need 85% PSU and Windows OS); EPEAT™ Gold rating (Need 85% PSU and Windows OS); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3
Media reader	Optional 7-in-1 single slot media card reader						Accessories	For compatible accessories, please go to TC-AQP sheet
Graphics	AMD Radeon™ Graphics in processor, uses main memory, one VGA, one DisplayPort™, one optional DP, supports up to three independent displays, works along with optional discrete graphics to support up to five independent displays; <i>Some:</i> AMD Radeon HD 8570 , DirectX 11, one VGA, one HDMI, 40W; <i>Some:</i> NVIDIA® GeForce® GT 620 , DirectX 11, one VGA, one DisplayPort, 30W; <i>Some:</i> AMD Radeon™ HD 7450 , DirectX 11, one DVI-I one DisplayPort, 25W; Optional DisplayPort to DVI-D monitor cable							
DP cable	Optional DisplayPort to DVI-D monitor cable							
Chipset	AMD A78 FCH							
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)							
Rear ports	Up to six USB ports (2x USB 3.0 + 2x USB 2.0 + 2x optional USB 2.0), serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA, DisplayPort (1x standard + 1x optional), two PS/2 ports							
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)							
IEEE 1394	Optional FireWire PCIe adapter, 1394a-2000, 400Mbps, two 6-pin ports on rear							
Audio support	High Definition (HD) Audio, Realtek ALC662 / internal speakers (1.5watt x 2)							
WLAN ¹³	<i>Some:</i> 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 <i>Some:</i> 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2 <i>Some:</i> 11ac/b/g/n wireless, Broadcom BCM4352, 2.4/5GHz, Wi-Fi + BT 4.0, 2x2							

See footnotes for more detailed information

ThinkCentre M79 SFF (10CT)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Graphics	Storage	Optical	WLAN	Media reader	2nd Serial / Parallel	PS/2 Ports	2nd DP Port	Optional 2 rear USB	IEEE 1394	Chassis intrusion switch	Cable lock	Floor Stand	Key-board/ Mouse	Power Supply	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10CT0006US	A4 6300B	2Gx1	HD 8370D	250G 7200	DVD	None	None	None	PS/2	None	None	None	Switch	None	None	USB	240W ES	Win7 Pro32	3-onsite	G	07/14
10CT0007US	A6 7400B	2Gx1	Radeon R5	500G 7200	DVD±RW	None	None	None	PS/2	None	None	None	Switch	None	None	USB	240W ES	Win7 Pro32	3-onsite	G	07/14
10CT0008US	A6 6400B	4Gx1	HD 8470D	500G 7200	DVD±RW	None	None	None	PS/2	None	None	None	None	None	None	USB	240W ES	Win7 P64 DG Win8.1	3-onsite	None	08/14
10CT0009US	A6 6400B	4Gx1	HD 8470D	500G 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	None	None	None	USB	240W ES	Win7 P64 DG Win8.1	3-onsite	None	08/14
10CT000AUS	A8 7600B	8Gx1	Radeon R7	500G 7200	DVD±RW	None	None	None	PS/2	None	None	None	None	None	None	USB	240W ES	Win7 P64 DG Win8.1	3-onsite	None	08/14
10CT000BUS	A8 7600B	8Gx1	GT 620	500G 7200	DVD±RW	8723BE	None	None	PS/2	None	None	None	None	None	None	USB	240W ES	Win7 P64 DG Win8.1	3-onsite	None	08/14

• For detailed platform specifications, please see [ThinkCentre M79 SFF Platform Specifications sheet](#)

Processor	AMD A4, A6, A8, or A10 series APUs						Manageability Security chip Security features Keyboard Mouse Mechanical Floor Stand Power supply Limited warranty ³ Preload Environment Accessories	Enhanced Manageability with DASH 1.1 Trusted Platform Module, TCG 1.2-compliant • Padlock loop (in rear for opt padlock) • Security slot (in rear for optional Kensington® MicroSaver® cable) • Cable lock to physically lock both keyboard and mouse (optional) • Power-on, Admin, Hard Disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional <i>Chassis intrusion switch</i> USB: Preferred Pro USB Keyboard (USB connector), Lenovo logo Finger: Lenovo USB Fingerprint Keyboard (USB connector) 2.4G: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black USB: Enhanced Optical USB Mouse, black, Lenovo logo 2.4G: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black • Business black color; metal case, 11L • 13.2" W X 15.0" D X 3.9" H • 335mm W X 382mm D X 101mm H • 14.6 lb (6.6 kg) in maximum configuration Bay: 5.25" x1, 3.5"x1, SSD bay x1, MCR bay x1 *SSD bay only available on models with 2nd SSD installed Slot (Low Profile): one PCIe 3.0 x16 (40w max), two PCIe 2.0 x1, one PCI 2.3 Optional system floor stand for vertical orientation 180W: 180 watts, autosensing, 100-240V (50-60Hz) 240W: 240 watts, autosensing, 100-240V (50-60Hz) 240W ES: 240 watts, autosensing, 85% PSU, 100-240V (50-60Hz) Some: 3-years, limited onsite service / service upgrades available Some: 3-years, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to <i>S-TC sheet</i> Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit Some: Windows 7 Professional 32 Some: Windows 7 Professional 64 Some: Windows 8.1 64-bit Some: Windows 8.1 Pro 64-bit ENERGY STAR® 6.0 (Need 85% PSU and Windows OS); EPEAT™ Gold rating (Need 85% PSU and Windows OS); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3 For compatible accessories, please go to TC-AQP sheet
	APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics		
	A4-6300B	2	3.9 / 3.7	1MB	DDR3-1600	HD 8370D		
	A6-6400B	2	4.1 / 3.9	1MB	DDR3-1866	HD 8470D		
	A8-6500B	4	4.1 / 3.5	4MB	DDR3-1866	HD 8570D		
	A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series		
A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series			
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets							
Disk	Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm Some: 500GB (5400 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 2.5" Some: 1TB (7200 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 3.5" wide Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide							
Optical	Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive							
Onboard SATA	SATA 6.0Gb/s controller, three connectors on planar, RAID 0/1 support (only applicable on dual SSD models)							
Media reader	Optional 7-in-1 single slot media card reader							
Graphics	AMD Radeon™ Graphics in processor, uses main memory, one VGA, one DisplayPort™, one optional DP, supports up to three independent displays, works along with optional discrete graphics to support up to five independent displays; Some: AMD Radeon HD 8570, DirectX 11, one VGA, one HDMI, 40W; Some: NVIDIA® GeForce® GT 620, DirectX 11, one VGA, one DisplayPort, 30W; Some: AMD Radeon™ HD 7450, DirectX 11, one DVI-I one DisplayPort, 25W; Optional DisplayPort to DVI-D monitor cable							
DP cable	Optional DisplayPort to DVI-D monitor cable							
Chipset	AMD A78 Chipset							
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)							
Rear ports	Up to six USB ports (2x USB 3.0 + 2x USB 2.0 + 2x optional USB 2.0), serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA, DisplayPort (1x standard + 1x optional), two PS/2 ports							
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)							
IEEE 1394	Optional FireWire PCIe adapter, 1394a-2000, 400Mbps, two 6-pin ports on rear							
Audio support	High Definition (HD) Audio, Realtek ALC662 / internal speakers (1watt x 2)							
WLAN ¹³	Some: 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 Some: 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2 Some: 11ac/b/g/n wireless, Broadcom BCM4352, 2.4/5GHz, Wi-Fi + BT 4.0, 2x2							
Bluetooth™	Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter							
Ethernet	One gigabit ethernet port, Realtek 8111EPV, Wake on LAN®							
Modem	None							

See footnotes for more detailed information

ThinkCentre M79 SFF (10CW)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Graphics	Storage	Optical	WLAN	Media reader	2nd Serial / Parallel	PS/2 Ports	2nd DP Port	Optional 2 rear USB	IEEE 1394	Chassis intrusion switch	Cable lock	Floor Stand	Keyboard/Mouse	Power Supply	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10CW000BUS	A4 6300B	4Gx1	HD 8370D	500G 7200	DVD±RW	None	None	None	PS/2	None	None	None	None	None	None	USB	180W	Win7 P64 DG Win8.1	3-onsite	None	08/14
10CW000CUS	A8 6500B	4Gx1	HD 8570D	500G 7200	DVD±RW	None	None	None	PS/2	None	None	None	None	None	None	USB	180W	Win7 P64 DG Win8.1	3-onsite	None	08/14
10CW000DUS	A8 6500B	8Gx1	GT 620	1TB 7200	DVD±RW	None	None	None	PS/2	None	None	None	None	None	None	USB	180W	Win7 P64 DG Win8.1	3-onsite	None	08/14

• For detailed platform specifications, please see [ThinkCentre M79 SFF Platform Specifications sheet](#)

Processor	AMD A4, A6, A8, or A10 series APUs	Manageability	Enhanced Manageability with DASH 1.1																																				
	<table border="1"> <thead> <tr> <th>APU</th> <th>Cores</th> <th>Frequency (Max/Base)</th> <th>L2 Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>A4-6300B</td> <td>2</td> <td>3.9 / 3.7</td> <td>1MB</td> <td>DDR3-1600</td> <td>HD 8370D</td> </tr> <tr> <td>A6-6400B</td> <td>2</td> <td>4.1 / 3.9</td> <td>1MB</td> <td>DDR3-1866</td> <td>HD 8470D</td> </tr> <tr> <td>A8-6500B</td> <td>4</td> <td>4.1 / 3.5</td> <td>4MB</td> <td>DDR3-1866</td> <td>HD 8570D</td> </tr> <tr> <td>A6 PRO-7400B</td> <td>2</td> <td>3.9 / 3.5</td> <td>1MB</td> <td>DDR3-1866</td> <td>Radeon R5 Series</td> </tr> <tr> <td>A8 PRO-7600B</td> <td>4</td> <td>3.8 / 3.1</td> <td>4MB</td> <td>DDR3-2133</td> <td>Radeon R7 Series</td> </tr> </tbody> </table>	APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics	A4-6300B	2	3.9 / 3.7	1MB	DDR3-1600	HD 8370D	A6-6400B	2	4.1 / 3.9	1MB	DDR3-1866	HD 8470D	A8-6500B	4	4.1 / 3.5	4MB	DDR3-1866	HD 8570D	A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series	A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series	Security chip	Trusted Platform Module, TCG 1.2-compliant
APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics																																		
A4-6300B	2	3.9 / 3.7	1MB	DDR3-1600	HD 8370D																																		
A6-6400B	2	4.1 / 3.9	1MB	DDR3-1866	HD 8470D																																		
A8-6500B	4	4.1 / 3.5	4MB	DDR3-1866	HD 8570D																																		
A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series																																		
A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series																																		
		Security features	<ul style="list-style-type: none"> • Padlock loop (in rear for opt padlock) • Security slot (in rear for optional Kensington® MicroSaver® cable) • Cable lock to physically lock both keyboard and mouse (optional) • Power-on, Admin, Hard Disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional <i>Chassis intrusion switch</i> 																																				
		Keyboard	USB: Preferred Pro USB Keyboard (USB connector), Lenovo logo Finger: Lenovo USB Fingerprint Keyboard (USB connector) 2.4G: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black USB: Enhanced Optical USB Mouse, black, Lenovo logo 2.4G: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																																				
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets	Mouse																																					
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 2.5" <i>Some:</i> 1TB (7200 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 3.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide	Mechanical	<ul style="list-style-type: none"> • Business black color; metal case, 11L • 13.2" W X 15.0" D X 3.9" H • 335mm W X 382mm D X 101mm H • 14.6 lb (6.6 kg) in maximum configuration • Bay: 5.25" x1, 3.5" x1, SSD bay x1, MCR bay x1 • *SSD bay only available on models with 2nd SSD installed 																																				
Optical	<i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive <i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Floor Stand	Slot (Low Profile): one PCIe 3.0 x16 (40w max), two PCIe 2.0 x1, one PCI 2.3 Optional system floor stand for vertical orientation																																				
Onboard SATA	SATA 6.0Gb/s controller, three connectors on planar, RAID 0/1 support (only applicable on dual SSD models)	Power supply	180W: 180 watts, autosensing, 100-240V (50-60Hz) 240W: 240 watts, autosensing, 100-240V (50-60Hz) 240W ES: 240 watts, autosensing, 85% PSU, 100-240V (50-60Hz)																																				
Media reader	Optional 7-in-1 single slot media card reader	Limited warranty ³	<i>Some:</i> 3-years, limited onsite service / service upgrades available <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>																																				
Graphics	AMD Radeon™ Graphics in processor, uses main memory, one VGA, one DisplayPort™, one optional DP, supports up to three independent displays, works along with optional discrete graphics to support up to five independent displays; <i>Some:</i> AMD Radeon HD 8570 , DirectX 11, one VGA, one HDMI, 40W; <i>Some:</i> NVIDIA® GeForce® GT 620 , DirectX 11, one VGA, one DisplayPort, 30W; <i>Some:</i> AMD Radeon™ HD 7450 , DirectX 11, one DVI-I one DisplayPort, 25W; <i>Optional</i> DisplayPort to DVI-D monitor cable	Preload	<i>Some:</i> Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit <i>Some:</i> Windows 7 Professional 32 <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit																																				
DP cable	Optional DisplayPort to DVI-D monitor cable	Environment	ENERGY STAR® 6.0 (Need 85% PSU and Windows OS); EPEAT™ Gold rating (Need 85% PSU and Windows OS); GREENGUARD® ; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3																																				
Chipset	AMD A78 Chipset	Accessories	For compatible accessories, please go to TC-AQP sheet																																				
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)																																						
Rear ports	Up to six USB ports (2x USB 3.0 + 2x USB 2.0 + 2x optional USB 2.0), serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA, DisplayPort (1x standard + 1x optional), two PS/2 ports																																						
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)																																						
IEEE 1394	Optional FireWire PCIe adapter, 1394a-2000, 400Mbps, two 6-pin ports on rear																																						
Audio support	High Definition (HD) Audio, Realtek ALC662 / internal speakers (1watt x 2)																																						
WLAN ¹³	<i>Some:</i> 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 <i>Some:</i> 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2 <i>Some:</i> 11ac/b/g/n wireless, Broadcom BCM4352, 2.4/5GHz, Wi-Fi + BT 4.0, 2x2																																						
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																																						
Ethernet	One gigabit ethernet port, Realtek 8111EPV, Wake on LAN®																																						
Modem	None																																						

See footnotes for more detailed information

ThinkCentre M79 Tower (10CQ)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Graphics	Storage	Optical	WLAN	Media reader	2nd Serial / Parallel	PS/2 Ports	2nd DP Port	Optional 2 rear USB	IEEE 1394	Chassis intrusion switch	Cable lock	Floor Stand	Key-board/ Mouse	Power Supply	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)	
10CQ0005US	A4 6300B	2Gx1	HD 8370D	250G 7200	DVD	None	None	None	PS/2	None	None	None	Switch	None	None	USB	280W ES	Win7 Pro32	3-onsite	OID	G	07/14
10CQ0006US	A6 7400B	2Gx1	Radeon R5	500G 7200	DVD±RW	None	None	None	PS/2	None	None	None	Switch	None	None	USB	280W ES	Win7 Pro32	3-onsite	OID	G	07/14
10CQ0007US	A8 7600B	4Gx1	HD 8570	1TB 7200	DVD±RW	None	Media	P	PS/2	None	None	None	Switch	None	None	USB	280W ES	Win7 Pro64	3-onsite	OID	G	07/14

• For detailed platform specifications, please see [ThinkCentre M79 Tower Platform Specifications sheet](#)

Processor	AMD A4, A6, A8, or A10 series APUs						Manageability	Enhanced Manageability with DASH 1.1
	APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics	Security chip	Trusted Platform Module, TCG 1.2-compliant
	A4-6300B	2	3.9 / 3.7	1MB	DDR3-1600	HD 8370D	Security features	<ul style="list-style-type: none"> • Padlock loop (in rear for opt padlock) • Security slot (in rear for optional Kensington® MicroSaver® cable) • Cable lock to physically lock both keyboard and mouse (optional)
	A6-6400B	2	4.1 / 3.9	1MB	DDR3-1866	HD 8470D		<ul style="list-style-type: none"> • Power-on, Admin, Hard Disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional <i>Chassis intrusion switch</i>
	A8-6500B	4	4.1 / 3.5	4MB	DDR3-1866	HD 8570D		
A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series			
A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series	Keyboard	<i>USB:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Finger:</i> Lenovo USB Fingerprint Keyboard (USB connector)	
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets						Mouse	<i>2.4G:</i> Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black <i>USB:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>2.4G:</i> Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 2.5" <i>Some:</i> 1TB (7200 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 3.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide <i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive						Mechanical	<ul style="list-style-type: none"> • Business black color; metal case, 20L • 6.3" W X 16.6" D X 15.3" H (with handle) • 160mm W X 422mm D X 388mm H • 20.7 lb (9.4 kg) in maximum configuration Bay: 5.25" x1, 3.5" x2, MCR Bay x1 Slot (half-length): one PCIe 3.0 x16 (60w max), two PCIe 2.0 x1, one PCI 2.3
Optical	<i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive <i>Some:</i> SATA 6.0Gb/s controller, three connectors on planar, RAID 0/1 support						Power supply	<i>180W:</i> 180 watts, autosensing, 100-240V (50-60Hz) <i>280W:</i> 280 watts, autosensing, 100-240V (50-60Hz) <i>280W ES:</i> 280 watts, autosensing, 85% PSU, 100-240V (50-60Hz)
Onboard SATA Media reader	Optional 7-in-1 single slot media card reader						Limited warranty ³	<i>Some:</i> 3-years, limited onsite service / service upgrades available <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to <i>S-TC sheet</i>
Graphics	AMD Radeon™ Graphics in processor, uses main memory, one VGA, one DisplayPort™, one optional DP, supports up to three independent displays, works along with optional discrete graphics to support up to five independent displays; <i>Some:</i> AMD Radeon HD 8570 , DirectX 11, one VGA, one HDMI, 40W; <i>Some:</i> NVIDIA® GeForce® GT 620 , DirectX 11, one VGA, one DisplayPort, 30W; <i>Some:</i> AMD Radeon™ HD 7450 , DirectX 11, one DVI-I one DisplayPort, 25W; Optional DisplayPort to DVI-D monitor cable						Preload	<i>Some:</i> Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit <i>Some:</i> Windows 7 Professional 32 <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit
DP cable	Optional DisplayPort to DVI-D monitor cable						Environment	ENERGY STAR® 6.0 (Need 85% PSU and Windows OS); EPEAT™ Gold rating (Need 85% PSU and Windows OS); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3
Chipset	AMD A78 FCH						Accessories	For compatible accessories, please go to TC-AQP sheet
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)							
Rear ports	Up to six USB ports (2x USB 3.0 + 2x USB 2.0 + 2x optional USB 2.0), serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA, DisplayPort (1x standard + 1x optional), two PS/2 ports							
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)							
IEEE 1394	Optional FireWire PCIe adapter, 1394a-2000, 400Mbps, two 6-pin ports on rear							
Audio support	High Definition (HD) Audio, Realtek ALC662 / internal speakers (1.5watt x 2)							
WLAN ¹³	<i>Some:</i> 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 <i>Some:</i> 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2 <i>Some:</i> 11ac/b/g/n wireless, Broadcom BCM4352, 2.4/5GHz, Wi-Fi + BT 4.0, 2x2							
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter							
Ethernet	One gigabit ethernet port, Realtek 8111EPV, Wake on LAN®							
Modem	None							

See footnotes for more detailed information

ThinkCentre M79 Tower (10CS)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Graphics	Storage	Optical	WLAN	Media reader	2nd Serial / Parallel	PS/2 Ports	2nd DP Port	Optional 2 rear USB	IEEE 1394	Chassis intrusion switch	Cable lock	Floor Stand	Key-board/ Mouse	Power Supply	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10CS0003US	A4 6300B	4Gx1	HD 8370D	500G 7200	DVD±RW	None	None	None	PS/2	None	None	None	Switch	None	None	USB	180W	Win7 P64 DG Win8.1	3-onsite	None	08/14

• For detailed platform specifications, please see [ThinkCentre M79 Tower Platform Specifications sheet](#)

Processor	AMD A4, A6, A8, or A10 series APUs						Manageability Security chip Security features	Enhanced Manageability with DASH 1.1 Trusted Platform Module, TCG 1.2-compliant	
	APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics		<ul style="list-style-type: none"> • Padlock loop (in rear for opt padlock) • Security slot (in rear for optional Kensington® MicroSaver® cable) • Cable lock to physically lock both keyboard and mouse (optional) • Power-on, Admin, Hard Disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional <i>Chassis intrusion switch</i> 	
	A4-6300B	2	3.9 / 3.7	1MB	DDR3-1600	HD 8370D			
	A6-6400B	2	4.1 / 3.9	1MB	DDR3-1866	HD 8470D			
	A8-6500B	4	4.1 / 3.5	4MB	DDR3-1866	HD 8570D			
	A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series			
A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series				
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets						Keyboard	<i>USB:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Finger:</i> Lenovo USB Fingerprint Keyboard (USB connector)	
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 2.5" <i>Some:</i> 1TB (7200 rpm) hybrid hard disk / with 8GB flash, SATA 6.0Gb/s, 3.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide <i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive						Mouse	<i>USB:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>2.4G:</i> Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black	
Optical	<i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive <i>Some:</i> SATA 6.0Gb/s controller, three connectors on planar, RAID 0/1 support Optional 7-in-1 single slot media card reader						Mechanical	<ul style="list-style-type: none"> • Business black color; metal case, 20L • 6.3" W X 16.6" D X 15.3" H (with handle) • 160mm W X 422mm D X 388mm H • 20.7 lb (9.4 kg) in maximum configuration Bay: 5.25" x1, 3.5" x2, MCR Bay x1 Slot (half-length): one PCIe 3.0 x16 (60w max), two PCIe 2.0 x1, one PCI 2.3 	
Onboard SATA Media reader	SATA 6.0Gb/s controller, three connectors on planar, RAID 0/1 support						Power supply	<i>180W:</i> 180 watts, autosensing, 100-240V (50-60Hz) <i>280W:</i> 280 watts, autosensing, 100-240V (50-60Hz) <i>280W ES:</i> 280 watts, autosensing, 85% PSU, 100-240V (50-60Hz)	
Graphics	AMD Radeon™ Graphics in processor, uses main memory, one VGA, one DisplayPort™, one optional DP, supports up to three independent displays, works along with optional discrete graphics to support up to five independent displays; <i>Some:</i> AMD Radeon HD 8570 , DirectX 11, one VGA, one HDMI, 40W; <i>Some:</i> NVIDIA® GeForce® GT 620 , DirectX 11, one VGA, one DisplayPort, 30W; <i>Some:</i> AMD Radeon™ HD 7450 , DirectX 11, one DVI-I one DisplayPort, 25W; Optional DisplayPort to DVI-D monitor cable						Limited warranty ³	<i>Some:</i> 3-years, limited onsite service / service upgrades available <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to <i>S-TC sheet</i>	
DP cable	Optional DisplayPort to DVI-D monitor cable						Preload	<i>Some:</i> Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit <i>Some:</i> Windows 7 Professional 32 <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit	
Chipset	AMD A78 FCH						Environment	ENERGY STAR® 6.0 (Need 85% PSU and Windows OS); EPEAT™ Gold rating (Need 85% PSU and Windows OS); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)						Accessories	For compatible accessories, please go to TC-AQP sheet	
Rear ports	Up to six USB ports (2x USB 3.0 + 2x USB 2.0 + 2x optional USB 2.0), serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA, DisplayPort (1x standard + 1x optional), two PS/2 ports								
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)								
IEEE 1394	Optional FireWire PCIe adapter, 1394a-2000, 400Mbps, two 6-pin ports on rear								
Audio support	High Definition (HD) Audio, Realtek ALC662 / internal speakers (1.5watt x 2)								
WLAN ¹³	<i>Some:</i> 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 <i>Some:</i> 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2 <i>Some:</i> 11ac/b/g/n wireless, Broadcom BCM4352, 2.4/5GHz, Wi-Fi + BT 4.0, 2x2								
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								
Ethernet	One gigabit ethernet port, Realtek 8111EPV, Wake on LAN®								
Modem	None								

See footnotes for more detailed information



ThinkCentre M83 Tiny with optional floor stand, wireless keyboard/mouse, and monitor



ThinkCentre M83 Tiny with optional floor stand



ThinkCentre M83 Tiny with optional VESA mount kit



ThinkCentre M83 Tiny with optional optical box



ThinkCentre M83 Tiny with optional I/O box



ThinkCentre M83 Tiny

ThinkCentre M83 Tiny Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 4th Generation Intel Core™ i3 / i5 / i7 Processor						Keyboard <i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo USB Fingerprint Keyboard (USB connector) <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black <i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black
	Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics	
	Core i3-4130T	2 / 4	2.90 GHz	3MB	DDR3-1600	Intel HD 4400	
	Core i3-4150T	2 / 4	3.00 GHz	3MB	DDR3-1600	Intel HD 4400	
	Core i5-4590T	4 / 4	2.00 / 3.00 GHz	6MB	DDR3-1600	Intel HD 4600	
Core i7-4785T	4 / 8	2.20 / 3.20 GHz	8MB	DDR3-1600	Intel HD 4600		
Memory	16GB max / DDR3 Low Voltage, DDR3L-1600*, non-parity, two 204-pin SO-DIMM sockets <i>* System automatically clocks down for processors with 1333MHz DDR3 memory controller</i>						Mechanical Tiny (1L), business black color; metal case
	M83 Tiny only	7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration					
Disk	<i>Some:</i> hard disk, 2.5" Wide, 5400 or 7200 rpm, Active Protection System™ <i>Some:</i> 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / 2.5" Wide						M83 Tiny with VESA mount & optical box 7.2" W X 7.2" D X 2.6" H 184mm W X 182mm D X 65mm H 5.1 lb (2.3 kg), weight may vary by configuration
	<i>Some:</i> external optical box with slim DVD-ROM, 12.7mm high, tray-in, via USB <i>Some:</i> external optical box with slim DVD±RW, 12.7mm high, tray-in, via USB						
Optical	SATA 6.0Gb/s controller, one connector on planar						VESA mount Optional VESA mount bracket kit, supports VESA 75mm and 100mm
Onboard SATA Media reader	None						Floor Stand Optional system floor stand for vertical orientation
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600, in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional HDMI or one optional 2nd DisplayPort on some models, supports up to 3 independent displays; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1080 (HDMI)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking) Optional DisplayPort to DVI-D monitor cable						Power supply 65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)
DP cable	Optional DisplayPort to DVI-D monitor cable						Limited warranty ³ <i>Some:</i> 3-years, limited onsite service / service upgrades available <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>
Chipset	Intel Q85 Chipset						Preload <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit <i>Some:</i> Windows 7 Professional 32/64 Ready to install applications (only some listed) ● Rescue and Recovery™ ● Password Manager Preloaded applications (only some listed) ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● PC Device Stage ● Desktop Power Manager ● View Management Utility ● Lenovo Solution Center ● Lenovo Message Center Plus ● Lenovo SHAREit ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Evernote® ● Nitro Pro
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)						<i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit Web install applications (only some listed) ● Password Manager Preloaded applications (only some listed) ● ThinkVantage System Update ● Desktop Power Manager ● Lenovo Solution Center ● PC Device Stage ● Lenovo Companion ● Lenovo SHAREit ● Lenovo Reach ● Norton Internet Security (30 days of virus definitions) ● Skype™ ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink PowerDVD (DVD±RW, DVD) ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Evernote® ● Nitro Pro ● Norton™ Studio ● Pokki
Rear ports	Two USB 3.0, one USB 2.0 (optional external optical box or external I/O box occupies specific USB 2.0 on some models), ethernet (RJ-45), VGA, DisplayPort, one optional port (USB 2.0 / serial / 2nd DisplayPort / HDMI on some models)						
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port						Environment ENERGY STAR® 6.0; EPEAT™ Gold rating (U.S.); GREENGUARD®; RoHS-compliant; ErP Lot 3; UL Environment Gold; TUV; Cisco EnergyWise compatible
Audio support	High Definition (HD) Audio, Realtek ALC233 / optional internal speaker (1.5 watt)						Accessories For compatible accessories, please go to TC-AQP sheet
WLAN ¹³	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8192EE, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2 <i>Some:</i> 11ac/b/g/n wireless, PCIe Half Mini Card, Broadcom BCM4352, dual band (2.4/5GHz), Wi-Fi + Bluetooth 4.0 combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 7260, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2 <i>Some:</i> 11ac/a/b/g/n wireless, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo 4.0 adapter, 2x2						
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter						
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®						
Modem	None						
Manageability	Intel Standard Manageability Trusted Platform Module, TCG 1.2-compliant						
Security chip	● Security slot (in rear for optional Kensington® MicroSaver® cable) ● Smart USB protection, allows keyboard/mouse only, blocks all storage devices ● Power-on password ● Administrator password						
Security features	● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement ● Optional Chassis intrusion switch						

See footnotes for more detailed information

ThinkCentre M83 Tiny (10E9) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Graphics	Memory	Storage	External optical / I/O box	WLAN	DP Cable	Optional port	Chassis intrusion switch	Floor Stand	VESA mount	Keyboard/ Mouse	Internal Speaker	Kensington cable lock	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10E9000NUS	i3-4130T	Intel HD 4400	4GBx1	500GB 7200	None	7260 b/g/n	None	USB	None	Stand	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	10/14
10E9000PUS	i3-4130T	Intel HD 4400	4GBx1	500GB 7200	None	7260 b/g/n	None	2nd DP	None	Stand	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	10/14
10E9000QUS	i3-4130T	Intel HD 4400	4GBx1	256GB SSD	None	7260 b/g/n	None	2nd DP	None	Stand	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	10/14
10E9000RUS	i3-4130T	Intel HD 4400	8GBx1	500GB 7200	None	7260 b/g/n	None	None	None	Stand	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	10/14
10E9000SUS	i5-4590T	Intel HD 4600	4GBx1	500GB 7200	None	7260 b/g/n	None	None	None	Stand	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	10/14
10E9000TUS	i5-4590T	Intel HD 4600	8GBx1	500GB 7200	None	7260 b/g/n	None	2nd DP	None	Stand	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	10/14
10E9000UUS	i5-4590T	Intel HD 4600	4GBx1	256GB SSD	None	7260 b/g/n	None	2nd DP	None	Stand	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	10/14
10E9000VUS	i7-4785T	Intel HD 4600	4GBx1	500GB 7200	None	7260 b/g/n	None	2nd DP	None	Stand	Mount	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	10/14
10E9000WUS	i7-4785T	Intel HD 4600	8GBx1	500GB 7200	None	7260 b/g/n	None	2nd DP	None	Stand	Mount	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	10/14
10E9000XUS	i7-4785T	Intel HD 4600	8GBx1	256GB SSD	None	7260 b/g/n	None	USB	None	Stand	Mount	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	10/14
10E9000YUS	i7-4785T	Intel HD 4600	4GBx1	256GB SSD	None	7260 b/g/n	None	USB	None	Stand	Mount	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	10/14
10E90010US	i7-4785T	Intel HD 4600	4GBx1	180GB SSD	None	7260 b/g/n	None	2nd DP	None	Stand	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	10/14

• For detailed platform specifications, please see [ThinkCentre M83 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 4th Generation Intel Core™ i3 / i5 / i7 Processor						Manageability Security chip Security features	Intel Standard Manageability Trusted Platform Module, TCG 1.2-compliant		
	Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics		<ul style="list-style-type: none"> • Security slot (in rear for optional Kensington® MicroSaver® cable) • Hard disk password • Boot sequence control • Smart USB protection, allows keyboard/ mouse only, blocks all storage devices • Boot without keyboard and mouse • Individual USB port disablement • Power-on password • Administrator password • Optional <i>Chassis intrusion switch</i> 		
	Core i3-4130T	2 / 4	2.90 GHz	3MB	DDR3-1600	Intel HD 4400				
	Core i3-4150T	2 / 4	3.00 GHz	3MB	DDR3-1600	Intel HD 4400				
	Core i5-4590T	4 / 4	2.00 / 3.00 GHz	6MB	DDR3-1600	Intel HD 4600				
Core i7-4785T	4 / 8	2.20 / 3.20 GHz	8MB	DDR3-1600	Intel HD 4600					
Memory	16GB max / DDR3 Low Voltage, DDR3L-1600*, non-parity, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller						Keyboard	USB: Preferred Pro USB Keyboard (USB connector), Lenovo logo Finger: Lenovo USB Fingerprint Keyboard (USB connector)		
Disk	<i>Some:</i> hard disk, 2.5" Wide, 5400 or 7200 rpm, Active Protection System™ <i>Some:</i> 500GB (5400 rpm) SSHD / with 8GB flash memory, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / 2.5" Wide						Mouse	USB: Enhanced Optical USB Mouse, black, Lenovo logo 2.4G: UltralSlim Plus Wireless Mouse (2.4GHz via USB receiver), black		
Optical	<i>Some:</i> external optical box with slim DVD-ROM, 12.7mm high, tray-in, via USB <i>Some:</i> external optical box with slim DVD±RW, 12.7mm high, tray-in, via USB						Mechanical	Tiny (1L), business black color; metal case		
Onboard SATA Media reader	SATA 6.0Gb/s controller, one connector on planar None							M83 Tiny only	7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration	
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600, in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional HDMI or one optional 2nd DisplayPort on some models, supports up to 3 independent displays; Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1080 (HDMI)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking) Optional DisplayPort to DVI-D monitor cable							M83 Tiny with VESA mount & optical box	7.2" W X 7.2" D X 2.6" H 184mm W X 182mm D X 65mm H 5.1 lb (2.3 kg), weight may vary by configuration	
DP cable	Optional DisplayPort to DVI-D monitor cable						VESA mount Floor Stand	Optional VESA mount bracket kit, supports VESA 75mm and 100mm Optional system floor stand for vertical orientation		
Chipset	Intel Q85 Chipset						Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)		
Front ports Rear ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm) Two USB 3.0, one USB 2.0 (optional external optical box or external I/O box occupies specific USB 2.0 on some models), ethernet (RJ-45), VGA, DisplayPort, one optional port (USB 2.0 / serial / 2nd DisplayPort / HDMI on some models) Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port						Limited warranty ³	<i>Some:</i> 3-years, limited onsite service / service upgrades available <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to <i>S-TC sheet</i>		
I/O box							Preload	<i>Some:</i> Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit		
Audio support	High Definition (HD) Audio, Realtek ALC233 / optional internal speaker (1.5 watt)						Environment	ENERGY STAR® 6.0; EPEAT™ Gold rating (U.S.) GREENGUARD®; RoHS-compliant; ErP Lot 3; UL Environment Gold; TUV; Cisco EnergyWise compatible		
WLAN ¹³	<i>Some:</i> 11b/g/n, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 <i>Some:</i> 11b/g/n, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2 <i>Some:</i> 11ac/b/g/n, Broadcom BCM4352, dual band, Wi-Fi + BT 4.0 combo, 2x2 <i>Some:</i> 11b/g/n, Intel Centrino® Wireless-N 7260, Wi-Fi + BT 4.0 combo, 2x2 <i>Some:</i> 11ac/a/b/g/n, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo, 2x2						Accessories	For compatible accessories, please go to TC-AQP sheet		
Bluetooth™ Ethernet Modem	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN® None									

See footnotes for more detailed information

ThinkCentre M83 Tiny (10E9) - TopSeller II

Product Specifications Reference (PSREF)

Type-model	Processor	Graphics	Memory	Storage	External optical / I/O box	WLAN	DP Cable	Optional port	Chassis intrusion switch	Floor Stand	VESA mount	Keyboard/ Mouse	Internal Speaker	Kensington cable lock	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10E9001GUS	i3-4130T	Intel HD 4400	4GBx1	120GB SSD	None	7260 b/g/n	None	2nd DP	None	Stand	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	05/15
10E9001HUS	i5-4590T	Intel HD 4600	4GBx1	120GB SSD	None	7260 b/g/n	None	None	None	Stand	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	05/15
10E9001JUS	i7-4785T	Intel HD 4600	4GBx1	192GB SSD	None	7260 b/g/n	None	2nd DP	None	Stand	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	05/15
10E9001KUS	i5-4590T	Intel HD 4600	4+2GB	500GB 7200	None	7260 b/g/n	None	None	None	Stand	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	05/15
10E9001SUS	i5-4590T	Intel HD 4600	8GBx1	128GB SSD	None	7260 b/g/n	None	2nd DP	None	Stand	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	11/15

• For detailed platform specifications, please see [ThinkCentre M83 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 4th Generation Intel Core™ i3 / i5 / i7 Processor						Manageability Security chip Security features	Intel Standard Manageability Trusted Platform Module, TCG 1.2-compliant	
	Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics		<ul style="list-style-type: none"> • Security slot (in rear for optional Kensington® MicroSaver® cable) • Smart USB protection, allows keyboard/ mouse only, blocks all storage devices • Power-on password • Administrator password 	
	Core i3-4130T	2 / 4	2.90 GHz	3MB	DDR3-1600	Intel HD 4400		<ul style="list-style-type: none"> • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional Chassis intrusion switch 	
	Core i3-4150T	2 / 4	3.00 GHz	3MB	DDR3-1600	Intel HD 4400			
	Core i5-4590T	4 / 4	2.00 / 3.00 GHz	6MB	DDR3-1600	Intel HD 4600			
Core i7-4785T	4 / 8	2.20 / 3.20 GHz	8MB	DDR3-1600	Intel HD 4600				
Memory	16GB max / DDR3 Low Voltage, DDR3L-1600*, non-parity, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller						Keyboard	USB: Preferred Pro USB Keyboard (USB connector), Lenovo logo Finger: Lenovo USB Fingerprint Keyboard (USB connector)	
Disk	<i>Some:</i> hard disk, 2.5" Wide, 5400 or 7200 rpm, Active Protection System™ <i>Some:</i> 500GB (5400 rpm) SSHD / with 8GB flash memory, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / 2.5" Wide						Mouse	USB: Enhanced Optical USB Mouse, black, Lenovo logo 2.4G: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black	
Optical	<i>Some:</i> external optical box with slim DVD-ROM, 12.7mm high, tray-in, via USB <i>Some:</i> external optical box with slim DVD±RW, 12.7mm high, tray-in, via USB						Mechanical	Tiny (1L), business black color; metal case	
Onboard SATA Media reader	SATA 6.0Gb/s controller, one connector on planar None							M83 Tiny only	7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600, in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional HDMI or one optional 2nd DisplayPort on some models, supports up to 3 independent displays; Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1080 (HDMI)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking) Optional DisplayPort to DVI-D monitor cable						M83 Tiny with VESA mount & optical box	7.2" W X 7.2" D X 2.6" H 184mm W X 182mm D X 65mm H 5.1 lb (2.3 kg), weight may vary by configuration	
DP cable	Optional DisplayPort to DVI-D monitor cable						VESA mount Floor Stand	Optional VESA mount bracket kit, supports VESA 75mm and 100mm Optional system floor stand for vertical orientation	
Chipset	Intel Q85 Chipset						Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)	
Front ports Rear ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm) Two USB 3.0, one USB 2.0 (optional external optical box or external I/O box occupies specific USB 2.0 on some models), ethernet (RJ-45), VGA, DisplayPort, one optional port (USB 2.0 / serial / 2nd DisplayPort / HDMI on some models) Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port						Limited warranty ³	<i>Some:</i> 3-years, limited onsite service / service upgrades available <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet	
I/O box							Preload	<i>Some:</i> Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit	
Audio support	High Definition (HD) Audio, Realtek ALC233 / optional internal speaker (1.5 watt)						Environment	ENERGY STAR® 6.0; EPEAT™ Gold rating (U.S.) GREENGUARD®; RoHS-compliant; ErP Lot 3; UL Environment Gold; TUV; Cisco EnergyWise compatible	
WLAN ¹³	<i>Some:</i> 11b/g/n, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 <i>Some:</i> 11b/g/n, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2 <i>Some:</i> 11ac/b/g/n, Broadcom BCM4352, dual band, Wi-Fi + BT 4.0 combo, 2x2 <i>Some:</i> 11b/g/n, Intel Centrino® Wireless-N 7260, Wi-Fi + BT 4.0 combo, 2x2 <i>Some:</i> 11ac/a/b/g/n, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo, 2x2						Accessories	For compatible accessories, please go to TC-AQP sheet	
Bluetooth™ Ethernet Modem	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN® None								

See footnotes for more detailed information

ThinkCentre M83 Tiny (10E8)

Product Specifications Reference (PSREF)

Type-model	Processor	Graphics	Memory	Storage	External optical / I/O box	WLAN	DP Cable	Optional port	Chassis intrusion switch	Floor Stand	VESA mount	Keyboard/ Mouse	Internal Speaker	Kensington cable lock	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)	
10E80017US	i3-4150T	Intel HD 4400	4GBx1	500GB 7200	None	7260 b/g/n	None	None	None	None	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	10/14	
10E80018US	i5-4590T	Intel HD 4600	4GBx1	500GB 7200	None	7260 b/g/n	None	2nd DP	None	None	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	10/14	
10E80019US	i5-4590T	Intel HD 4600	8GBx1	256GB SSD	None	7260 b/g/n	None	2nd DP	None	None	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	10/14	
10E8001AUS	i5-4590T	Intel HD 4600	4GBx1	500GB 7200	None	7260 b/g/n	None	Serial	None	None	Mount	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	10/14	
10E8001BUS	i7-4785T	Intel HD 4600	8GBx1	500GB 7200	None	7260 b/g/n	None	2nd DP	None	None	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	10/14	
10E8001CUS	i7-4785T	Intel HD 4600	8GBx1	256GB SSD	None	7260 b/g/n	None	USB	None	None	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	No	10/14	
10E8000HUS	i5-4590T	Intel HD 4600	4GBx1	500GB 7200	None	7260 b/g/n	None	None	Switch	None	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	OID	Yes	10/14
10E8000JUS	i5-4590T	Intel HD 4600	4GBx1	500GB 5400	None	7260 b/g/n	None	None	Switch	None	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	OID	Yes	10/14
10E8000KUS	i5-4590T	Intel HD 4600	4GBx1	500GB 7200	None	8723BE	None	None	Switch	None	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	OID	Yes	10/14
10E8000LUS	i5-4590T	Intel HD 4600	4GBx1	500GB 5400	None	8723BE	None	None	Switch	None	None	USB	Speaker	None	Win7 P64 DG Win8.1	3-onsite	OID	Yes	10/14
10E8000MUS	i3-4130T	Intel HD 4400	2GBx1	500GB 7200	None	8723BE	None	None	Switch	None	None	USB	Speaker	None	Win7 Pro64	3-onsite	OID	Yes	10/14
10E8000NUS	i3-4130T	Intel HD 4400	2GBx1	500GB 5400	None	8723BE	None	None	Switch	None	None	USB	Speaker	None	Win7 Pro64	3-onsite	OID	Yes	10/14
10E8001DUS	i3-4150T	Intel HD 4400	2GBx1	500GB 5400	None	8723BE	None	None	Switch	None	None	USB	Speaker	None	Win7 Pro64	3-onsite	OID	Yes	11/14
10E8001EUS	i3-4150T	Intel HD 4400	2GBx1	500GB 7200	None	8723BE	None	None	Switch	None	None	USB	Speaker	None	Win7 Pro64	3-onsite	OID	Yes	11/14

• For detailed platform specifications, please see [ThinkCentre M83 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 4th Generation Intel Core™ i3 / i5 / i7 Processor	Manageability Security chip	Intel Standard Manageability Trusted Platform Module, TCG 1.2-compliant																														
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency (Max/Base)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Core i3-4130T</td> <td>2 / 4</td> <td>2.90 GHz</td> <td>3MB</td> <td>DDR3-1600</td> <td>Intel HD 4400</td> </tr> <tr> <td>Core i3-4150T</td> <td>2 / 4</td> <td>3.00 GHz</td> <td>3MB</td> <td>DDR3-1600</td> <td>Intel HD 4400</td> </tr> <tr> <td>Core i5-4590T</td> <td>4 / 4</td> <td>2.00 / 3.00 GHz</td> <td>6MB</td> <td>DDR3-1600</td> <td>Intel HD 4600</td> </tr> <tr> <td>Core i7-4785T</td> <td>4 / 8</td> <td>2.20 / 3.20 GHz</td> <td>8MB</td> <td>DDR3-1600</td> <td>Intel HD 4600</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics	Core i3-4130T	2 / 4	2.90 GHz	3MB	DDR3-1600	Intel HD 4400	Core i3-4150T	2 / 4	3.00 GHz	3MB	DDR3-1600	Intel HD 4400	Core i5-4590T	4 / 4	2.00 / 3.00 GHz	6MB	DDR3-1600	Intel HD 4600	Core i7-4785T	4 / 8	2.20 / 3.20 GHz	8MB	DDR3-1600	Intel HD 4600	Security features	<ul style="list-style-type: none"> • Security slot (in rear for optional Kensington® MicroSaver® cable) • Smart USB protection, allows keyboard/mouse only, blocks all storage devices • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional <i>Chassis intrusion switch</i>
Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics																												
Core i3-4130T	2 / 4	2.90 GHz	3MB	DDR3-1600	Intel HD 4400																												
Core i3-4150T	2 / 4	3.00 GHz	3MB	DDR3-1600	Intel HD 4400																												
Core i5-4590T	4 / 4	2.00 / 3.00 GHz	6MB	DDR3-1600	Intel HD 4600																												
Core i7-4785T	4 / 8	2.20 / 3.20 GHz	8MB	DDR3-1600	Intel HD 4600																												
Memory	16GB max / DDR3 Low Voltage, DDR3L-1600*, non-parity, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	Keyboard	<p>USB: Preferred Pro USB Keyboard (USB connector), Lenovo logo</p> <p>Finger: Lenovo USB Fingerprint Keyboard (USB connector)</p> <p>2.4G: UltraSlim Plus Wireless Keyboard (2.4GHz via USB receiver), black</p>																														
Disk	<p><i>Some:</i> hard disk, 2.5" Wide, 5400 or 7200 rpm, Active Protection System™</p> <p><i>Some:</i> 500GB (5400 rpm) SSHD / with 8GB flash memory, 2.5" wide</p> <p><i>Some:</i> Solid State Drive (SSD) / 2.5" Wide</p>	Mouse	<p>USB: Enhanced Optical USB Mouse, black, Lenovo logo</p> <p>2.4G: UltraSlim Plus Wireless Mouse (2.4GHz via USB receiver), black</p>																														
Optical	<p><i>Some:</i> external optical box with slim DVD-ROM, 12.7mm high, tray-in, via USB</p> <p><i>Some:</i> external optical box with slim DVD±RW, 12.7mm high, tray-in, via USB</p>	Mechanical	Tiny (1L), business black color; metal case																														
Onboard SATA Media reader	SATA 6.0Gb/s controller, one connector on planar None		<table border="1"> <tbody> <tr> <td>M83 Tiny only</td> <td>7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration</td> </tr> <tr> <td>M83 Tiny with VESA mount & optical box</td> <td>7.2" W X 7.2" D X 2.6" H 184mm W X 182mm D X 65mm H 5.1 lb (2.3 kg), weight may vary by configuration</td> </tr> </tbody> </table>	M83 Tiny only	7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration	M83 Tiny with VESA mount & optical box	7.2" W X 7.2" D X 2.6" H 184mm W X 182mm D X 65mm H 5.1 lb (2.3 kg), weight may vary by configuration																										
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M83 Tiny with VESA mount & optical box	7.2" W X 7.2" D X 2.6" H 184mm W X 182mm D X 65mm H 5.1 lb (2.3 kg), weight may vary by configuration																																
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600, in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional HDMI or one optional 2nd DisplayPort on some models, supports up to 3 independent displays; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1080 (HDMI)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking) Optional DisplayPort to DVI-D monitor cable	VESA mount Floor Stand	Optional VESA mount bracket kit, supports VESA 75mm and 100mm Optional system floor stand for vertical orientation																														
Chipset	Intel Q85 Chipset	Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)																														
Front ports Rear ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm) Two USB 3.0, one USB 2.0 (optional external optical box or external I/O box occupies specific USB 2.0 on some models), ethernet (RJ-45), VGA, DisplayPort, one optional port (USB 2.0 / serial / 2nd DisplayPort / HDMI on some models)	Limited warranty ³	<p><i>Some:</i> 3-years, limited onsite service / service upgrades available</p> <p><i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / service upgrades available</p> <p><i>For Lenovo service upgrade options, please go to S-TC sheet</i></p>																														
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port	Preload	<p><i>Some:</i> Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit</p> <p><i>Some:</i> Windows 7 Professional 64</p> <p><i>Some:</i> Windows 8.1 64-bit</p> <p><i>Some:</i> Windows 8.1 Pro 64-bit</p>																														
Audio support	High Definition (HD) Audio, Realtek ALC233 / optional internal speaker (1.5 watt)	Environment	ENERGY STAR® 6.0; EPEAT™ Gold rating (U.S.) GREENGUARD®; RoHS-compliant; ErP Lot 3; UL Environment Gold; TUV; Cisco EnergyWise compatible																														
WLAN ¹³	<p><i>Some:</i> 11b/g/n, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1</p> <p><i>Some:</i> 11b/g/n, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2</p> <p><i>Some:</i> 11ac/b/g/n, Broadcom BCM4352, dual band, Wi-Fi + BT 4.0 combo, 2x2</p> <p><i>Some:</i> 11b/g/n, Intel Centrino® Wireless-N 7260, Wi-Fi + BT 4.0 combo, 2x2</p> <p><i>Some:</i> 11ac/a/b/g/n, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo, 2x2</p>	Accessories	For compatible accessories, please go to TC-AQP sheet																														
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																																
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®																																
Modem	None																																

See footnotes for more detailed information

ThinkCentre M83 Small Pro, Mini Tower



Lenovo ThinkCentre M83 Mini Tower with Lenovo ThinkVision Monitor



Lenovo ThinkCentre M83 Mini Tower with optional WLAN and graphic card



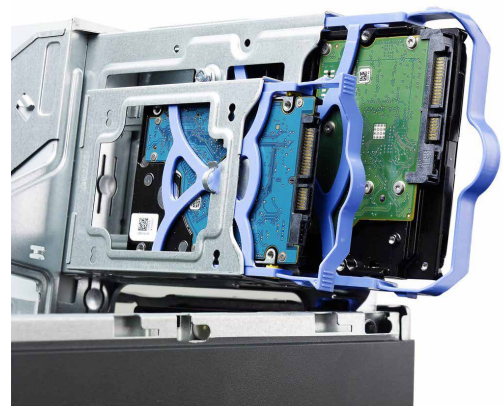
Lenovo ThinkCentre M83 Small Pro with Lenovo ThinkVision Monitor



Lenovo ThinkCentre M83 Small Pro with optional dual graphic cards
* Cable lock only available on some special bid models



Lenovo ThinkCentre M83 Small Pro (inside view)

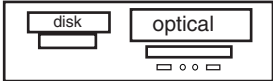


Optional 2.5 inch bay on Lenovo ThinkCentre M83 Small Pro
* Come with optional 2.5 inch 2nd HDD

ThinkCentre M83 SFF Pro (10AM) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Pro-processor	Memory ^a	SATA disk GB rpm	2nd disk	PCIe WLAN	Media reader	Graphics	Additional Front USB 2.0	2nd serial port	Parallel port	Chassis intrusion switch	Floor stand	ENERGY STAR 6.0	Preload	Ann date (mm/dd/yy)
10AM0002US	3x4	i5-4670	4GBx1	1TB 7200		None		HD 4600	USB	None	None	None	None	None	Win7 Pro64 (DG)	07/30/13
10AM0003US	3x4	i5-4570	4GBx1	500G 7200		None		HD 4600	None	None	None	None	None	None	Win7 Pro64 (DG)	07/30/13
10AM0004US	3x4	i7-4770	8GBx1	1TB 7200		Intel 105		GT 620	USB	Serial	Parallel	None	Stand	None	Win7 Pro64 (DG)	07/30/13
10AM0005US	3x4	i5-4570	8GBx1	1TB 7200		Intel 105		GT 620	USB	Serial	Parallel	None	Stand	None	Win7 Pro64 (DG)	07/30/13
10AM0006US	3x4	i7-4770	4GBx1	500G 7200		None		HD 4600	None	None	None	None	Stand	None	Win7 Pro64 (DG)	07/30/13
10AM0007US	3x4	i5-4570	4GBx1	500G 7200		None		HD 4600	None	None	None	None	Stand	None	Win7 Pro64 (DG)	07/30/13
10AM000AUS	3x4	i7-4770	4GBx1	1TB 7200		None		HD 4600	None	None	None	None	Stand	None	Win7 Pro64 (DG)	08/20/13
10AM000BUS	3x4	i5-4570	4GBx1	128G SSD	1TB	None	Media	HD 4600	None	None	None	None	Stand	None	Win7 Pro64 (DG)	08/20/13
10AM0009US	3x4	i3-4130	4GBx1	500G 7200		None		HD 4400	None	None	None	None	Stand	None	Win7 Pro64 (DG)	08/20/13
10AM000CUS	3x4	i3-4130	4GBx1	500G Hybrid		None		HD 4400	None	None	None	None	Stand	None	Win7 Pro64 (DG)	08/20/13

Positioning	<i>Mainstream enterprise stability and manageability</i>												Preloaded operating system		
Processor	Intel® Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4670 Processor (4 cores / 4 threads, 3.4GHz, 6MB cache), Turbo Boost 2.0 (3.8GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket												Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit		
Implementation	Processor in LGA1150 socket												Ready to install applications (only some listed)		
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets												<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 		
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i> Some: NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i>												Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro 		
DP dongle	None														
Disk	Some: SATA 6.0Gb/s, 7200 rpm, 3.5" wide Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide														
2nd disk	Some: SATA 6.0Gb/s, 7200 rpm, 3.5" wide														
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive														
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset														
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)														
eSATA port	None														
Media reader	Some: 29-in-1 media reader, internal USB 2.0														
Chipset	Intel Q85 Express Chipset														
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Two USB 3.0, four USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)														
PCIe WLAN	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1														
Bluetooth	None														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio (1 watt)														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®														
Manageability	Intel Standard Manageability														
Modem	None														
Security chip	Trusted Platform Module (TPM1.2-compliant)												Security <ul style="list-style-type: none"> Security chip (see information on left) One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s) 		
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Floor Stand	Optional system floor stand for vertical orientation														
Power supply	240 watts, autosensing														
Machine	<ul style="list-style-type: none"> SFF Pro (12.9L), business black color; metal case (WxDxH) 13.31" X 14.76" X 4.02"; 338mm X 375mm X 102mm 17.20 lb (7.8 kg) in maximum configuration Toolless cover removal, adapter retention Toolless disk and optical drive removal 														
Bay	Bay 1: 5.25", 1.6" high, external, std optical Bay 2: 3.5", 1" high, internal, std disk Bay 3: 2.5", N/A, internal, opt or come with opt 2.5" 2nd disk Bay 4: 3.5", 0.5" high, external, opt reader														
Slot	Slot 1: Low Profile, PCI Express 3.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x16 (x4 elec, 40w max)												ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant		
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available												Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet		

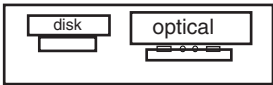
See footnotes for important warranty information
 US model(s) announced July 30, 2013 or August 20, 2013

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 (MSK1S-3) September 2013

ThinkCentre M83 SFF Pro (10AM) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ⁶	SATA disk	Optional 2.5" Bay	PCIe WLAN	Media reader	Graphics	Additional Front USB 2.0	2nd serial port	Parallel port	Chassis intrusion switch	Floor stand	ENERGY STAR 6.0	Preload	Ann date (mm/dd/yy)
10AM000JUS	3x4	i3-4130	4GBx1	500G 3.5"	2.5" bay	None	None	HD 7450	USB	None	None	None	Stand	None	Win7 P64 DG	Win8.1 02/04/14
10AM000KUS	3x4	i5-4570	4GBx1	500G 3.5"	2.5" bay	None	None	HD 7450	USB	None	None	None	Stand	None	Win7 P64 DG	Win8.1 02/04/14
10AM000LUS	3x4	i7-4770	4GBx1	500G 3.5"	2.5" bay	None	None	HD 7450	USB	None	None	None	Stand	None	Win7 P64 DG	Win8.1 02/04/14
10AM000MUS	3x4	i7-4770	8GBx1	1TB Hybrid	2.5" bay	None	None	HD 7450	USB	None	None	None	Stand	None	Win7 P64 DG	Win8.1 02/04/14
10AM000NUS	3x4	G3220	4GBx1	500G 3.5"	2.5" bay	None	None	HD 7450	USB	None	None	None	Stand	None	Win7 P64 DG	Win8.1 02/04/14
10AM000PUS	3x4	i3-4130	4GBx1	500G 2.5"	2.5" bay	None	None	HD 4400	None	None	None	None	None	None	Win7 P64 DG	Win8.1 02/25/14
10AM000QUS	3x4	i5-4570	4GBx1	500G 2.5"	2.5" bay	None	None	HD 4600	None	None	None	None	None	None	Win7 P64 DG	Win8.1 02/25/14
10AM000RUS	3x4	i5-4670	4GBx1	1TB 3.5"	2.5" bay	None	None	HD 4600	None	None	None	None	None	None	Win7 P64 DG	Win8.1 02/25/14
10AM000SUS	3x4	i7-4770	4GBx1	1TB 3.5"	2.5" bay	None	None	HD 4600	None	None	None	None	None	None	Win7 P64 DG	Win8.1 02/25/14
10AM000TUS	3x4	i3-4130	4GBx1	500G 3.5"	2.5" bay	None	None	HD 4400	None	None	None	None	Stand	None	Win7 P64 DG	Win8.1 04/01/14

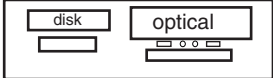
Positioning Processor	<i>Mainstream enterprise stability and manageability</i> Intel® Pentium® G3220 Processor (2 cores / 2 threads, 3.0GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4670 Processor (4 cores / 4 threads, 3.4GHz, 6MB cache), Turbo Boost 2.0 (3.8GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Preloaded operating system Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit				
Implementation												Ready to install applications (only some listed) • Rescue and Recovery™ • Password Manager				
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											Preloaded applications (only some listed) • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote • Intel AppUp • Intel Small Business Advantage • Nitro Pro				
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i> <i>Some: AMD Radeon™ HD 7450, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; Max resolution: 2560x1600 (DisplayPort, DVI-I)@60Hz</i>															
DP dongle	None															
Disk	<i>Some: SATA 6.0Gb/s, 7200 rpm, 2.5" wide</i> <i>Some: SATA 6.0Gb/s, 7200 rpm, 3.5" wide</i> <i>Some: 1TB (7200 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 3.5" wide</i>															
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive															
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset															
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)															
eSATA port	None															
Media reader	None															
Chipset	Intel Q85 Express Chipset															
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)															
Rear ports	Two USB 3.0, four USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models															
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)															
PCIe WLAN	None															
Bluetooth	None															
Audio	High Definition (HD) Audio, Realtek® ALC662 codec															
Speaker	Internal speaker for business audio (1 watt)															
IEEE 1394	None															
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®															
Manageability	Intel Standard Manageability															
Modem	None															
Security chip	Trusted Platform Module (TPM1.2-compliant)											Security • Security chip (see information on left) • One lock to secure both cover and entire system to fixed object: -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Serial port I/O control • Individual USB port disablement • Chassis intrusion switch on selected model(s)				
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo															
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo															
Floor Stand	Optional system floor stand for vertical orientation															
Power supply	240 watts, autosensing															
Machine	<ul style="list-style-type: none"> • SFF Pro (12.9L), business black color; metal case • (WxDxH) 13.31" X 14.76" X 4.02"; 338mm X 375mm X 102mm • 17.20 lb (7.8 kg) in maximum configuration • Toolless cover removal, adapter retention • Toolless disk and optical drive removal 															
Bay	Bay 1: 5.25", 1.6" high, external, std optical Bay 2: 3.5", 1" high, internal, std disk Bay 3: 2.5", N/A, internal, opt or come with opt 2.5" 2nd disk Bay 4: 3.5", 0.5" high, external, opt reader															
Slot	Slot 1: Low Profile, PCI Express 3.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x16 (x4 elec, 40w max)															
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet				

See footnotes for important warranty information

ThinkCentre M83 SFF Pro (10AM) - TopSeller - III

Product Specifications Reference (PSREF)

Type-model	Slot x Pro-bay	Processor	Memory ³ SATA disk	Optional 2.5" Bay	PCIe WLAN	Media reader	Graphics	Additional Front USB 2.0	2nd serial port	Parallel port	Chassis intrusion switch	Floor stand	ENERGY STAR 6.0	Preload	Ann date (mm/dd/yy)
10AM000VUS	3x4	i5-4590	4GBx1 500G 2.5"	2.5" bay	None	None	HD 4600	None	None	None	None	None	None	Win7 P64 DG	Win8.1 02/10/15
10AM000YUS	3x4	i5-4690	4GBx1 1TB 3.5"	2.5" bay	None	None	HD 4600	None	None	None	None	None	None	Win7 P64 DG	Win8.1 02/10/15
10AM000UUS	3x4	i7-4790	4GBx1 1TB 3.5"	2.5" bay	None	None	HD 4600	None	None	None	None	None	None	Win7 P64 DG	Win8.1 02/10/15
10AM000WUS	3x4	i3-4150	4GBx1 500G 2.5"	2.5" bay	None	None	HD 4400	None	None	None	None	None	None	Win7 P64 DG	Win8.1 02/10/15
10AM000XUS	3x4	i5-4590	4GBx1 180G SSD opal	2.5" bay	None	None	HD 4600	None	None	None	None	None	None	Win7 P64 DG	Win8.1 02/10/15
10AM0010US	3x4	i5-4690	4GBx1 192G SSD	2.5" bay	None	None	HD 4600	None	None	None	None	None	None	Win7 P64 DG	Win8.1 05/05/15
10AM0013US	3x4	i7-4790	8GBx1 256G SSD opal	2.5" bay	None	None	HD 4600	None	None	None	None	Stand	None	Win7 P64 DG	Win8.1 11/24/15
10AM0014US	3x4	i5-4590	8GBx1 128G SSD	2.5" bay	None	None	HD 4600	None	None	None	None	Stand	None	Win7 P64 DG	Win8.1 01/18/16

Positioning Processor	<p><i>Mainstream enterprise stability and manageability</i></p> <p>Intel® Core™ i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4690 Processor (4 cores / 4 threads, 3.5GHz, 6MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4790 Processor (4 cores / 8 threads, 3.6GHz, 8MB cache), Turbo Boost 2.0 (4.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket</p>											<p>Preloaded operating system</p> <p>Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit</p> <p>Ready to install applications (only some listed)</p> <ul style="list-style-type: none"> Rescue and Recovery™ Password Manager <p>Preloaded applications (only some listed)</p> <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro 			
Implementation	Processor in LGA1150 socket														
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets														
Graphics	<p>Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i></p> <p><i>Some: AMD Radeon™ HD 7450, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; Max resolution: 2560x1600 (DisplayPort, DVI-I)@60Hz</i></p>														
DP dongle	None														
Disk	<p><i>Some: SATA 6.0Gb/s, 7200 rpm, 2.5" wide</i> <i>Some: SATA 6.0Gb/s, 7200 rpm, 3.5" wide</i> <i>Some: 1TB (7200 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 3.5" wide</i> <i>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</i></p>														
Optical SATA controller	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive														
Onboard SATA	Serial ATA, SATA 6.0Gb/s, integrated in chipset														
eSATA port	SATA cables match SATA devices (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)														
Media reader	None														
Chipset	Intel Q85 Express Chipset														
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Two USB 3.0, four USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)														
PCIe WLAN	None														
Bluetooth	None														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio (1 watt)														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®														
Manageability	Intel Standard Manageability														
Modem	None														
Security chip	Trusted Platform Module (TPM1.2-compliant)														
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Floor Stand	Optional system floor stand for vertical orientation														
Power supply	240 watts, autosensing														
Machine	<ul style="list-style-type: none"> SFF Pro (12.9L), business black color; metal case (WxDxH) 13.31" X 14.76" X 4.02"; 338mm X 375mm X 102mm 17.20 lb (7.8 kg) in maximum configuration Toolless cover removal, adapter retention Toolless disk and optical drive removal 														
Bay	<p>Bay 1: 5.25", 1.6" high, external, std optical</p> <p>Bay 2: 3.5", 1" high, internal, std disk</p> <p>Bay 3: 2.5", N/A, internal, opt or come with opt 2.5" 2nd disk</p> <p>Bay 4: 3.5", 0.5" high, external, opt reader</p>														
Slot	<p>Slot 1: Low Profile, PCI Express 3.0 x16 (40w max)</p> <p>Slot 2: Low Profile, PCIe 2.0 x1</p> <p>Slot 3: Low Profile, PCIe 2.0 x16 (x4 elec, 40w max)</p>														
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											<p>Supports ThinkVantage Technologies</p> <p>For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet</p>			

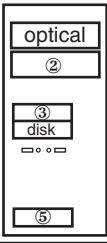
See footnotes for important warranty information

ThinkCentre M83 Mini Tower (10AL) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Additional Front USB 2.0	2nd serial port	Parallel port	Chassis intrusion switch	ENERGY STAR 6.0	Preload	Ann date (mm/dd/yy)
10AL0008US	3x5	i5-4670	4GBx1	1TB 7200	DVD±RW	None	None	HD 4600	USB	None	None	None	None	Win7 Pro64 (DG)	07/30/13
10AL0009US	3x5	i5-4570	4GBx1	500GB 7200	DVD±RW	None	None	HD 4600	None	None	None	None	None	Win7 Pro64 (DG)	07/30/13
10AL000AUS	3x5	i7-4770	4GBx1	500GB 7200	DVD±RW	None	None	HD 4600	USB	None	None	None	None	Win7 Pro64 (DG)	07/30/13
10AL000BUS	3x5	i5-4670	4GBx1	500GB 7200	DVD±RW	None	None	HD 4600	USB	None	None	None	None	Win7 Pro64 (DG)	07/30/13
10AL000CUS	3x5	i5-4670	4GBx2	1TB 7200	DVD±RW	None	None	HD 4600	USB	Serial	Parallel	None	None	Win7 Pro64 (DG)	07/30/13
10AL000DUS	3x5	i5-4670	4GBx1	500GB 7200	DVD±RW	None	None	HD 8470	USB	Serial	Parallel	None	None	Win7 Pro64 (DG)	07/30/13
10AL000EUS	3x5	i7-4770	4GBx2	1TB 7200	DVD±RW	None	None	GT 620	USB	Serial	Parallel	None	None	Win7 Pro64 (DG)	07/30/13
10AL000FUS	3x5	i7-4770	4GBx2	500GB 7200	DVD±RW	None	None	HD 8570	USB	Serial	Parallel	None	None	Win7 Pro64 (DG)	07/30/13
10AL000GUS	3x5	i7-4770	4GBx1	1TB 7200	DVD±RW	None	None	HD 4600	None	None	None	None	None	Win7 Pro64 (DG)	08/20/13

• Small and medium business (SMB) model(s), part of the US TopSeller™ Program

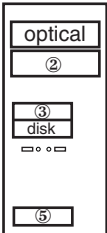
Positioning	Mainstream enterprise stability and manageability											Preloaded operating system			
Processor	Intel® Core™ i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4670 Processor (4 cores / 4 threads, 3.4GHz, 6MB cache), Turbo Boost 2.0 (3.8GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit			
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)			
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 			
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) Some: AMD Radeon™ HD 8470 , DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express® 2.0 x16 adapter, one VGA, one DisplayPort, 25 watts, Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz Some: AMD Radeon HD 8570 , DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40 watts; Max resolution: 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz Some: NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz											Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro 			
DP dongle	None														
Disk	SATA 6.0Gb/s 7200 rpm, 3.5" wide														
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive														
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset														
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)														
eSATA port	None														
Media reader	None														
Chipset	Intel Q85 Express Chipset														
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Two USB 3.0, four USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)														
PCIe WLAN	None														
Bluetooth	None														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio (1.5 watt)														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®														
Manageability	Intel Standard Manageability														
Modem	None														
Security chip	Trusted Platform Module (TPM1.2-compliant)											Security <ul style="list-style-type: none"> Security chip (see information on left) One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s) 			
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo											ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant			
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											Supports ThinkVantage Technologies			
Power supply	280 watts, autosensing											For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			
Machine	<ul style="list-style-type: none"> Mini Tower (25L), business black color, metal case (WxDxH) 6.89" X 17.41" X 16.32"; 175mm X 442.3mm X 414.5mm 24.69 lb (11.20 kg) in maximum configuration Toolless cover removal, adapter retention Toolless disk, optical drive removal 														
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk														
Slot	Slot 1: half-length, full-height, PCIe 3.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x16 (x4 elec, 75w max)														
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available														

ThinkCentre M83 Mini Tower (10AL) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ³	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Additional Front USB 2.0	2nd serial port	Parallel port	Chassis intrusion switch	ENERGY STAR 6.0	Preload	Ann date (mm/dd/yy)
10AL000QUS	3x5	i5-4570	4GBx1	500GB 7200	DVD±RW	None	None	HD 7450	USB	None	None	None	None	Win7 P64 DG	Win8.1 02/04/14
10AL000RUS	3x5	i7-4770	8GBx1	500GB 7200	DVD±RW	None	None	HD 7450	USB	None	None	None	None	Win7 P64 DG	Win8.1 02/04/14
10AL000SUS	3x5	i7-4770	8GBx1	1TB 7200	DVD±RW	None	None	HD 7450	USB	None	None	None	None	Win7 P64 DG	Win8.1 02/04/14
10AL000TUS	3x5	i7-4770	8GBx1	1TB Hybrid	DVD±RW	None	None	HD 7450	USB	None	None	None	None	Win7 P64 DG	Win8.1 02/04/14
10AL000UUS	3x5	i5-4570	4GBx1	500GB 7200	DVD±RW	None	None	HD 4600	None	None	None	None	None	Win7 P64 DG	Win8.1 02/25/14
10AL000VUS	3x5	i7-4770	4GBx1	1TB 7200	DVD±RW	None	None	HD 4600	None	None	None	None	None	Win7 P64 DG	Win8.1 02/25/14

• Small and medium business (SMB) model(s), part of the US TopSeller™ Program

Positioning	Mainstream enterprise stability and manageability											Preloaded operating system			
Processor	Intel® Core™ i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit			
Implementation	Processor in LGA1150 socket														
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets														
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) Some: AMD Radeon™ HD 7450 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; Max resolution: 2560x1600 (DisplayPort, DVI-I)@60Hz											Ready to install applications (only some listed) <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager 			
DP dongle	None											Preloaded applications (only some listed) <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink Power2Go (DVD±RW, DVD) • Cyberlink PowerProducer (DVD±RW) • Evernote • Intel AppUp • Intel Small Business Advantage • Nitro Pro 			
Disk	Some: SATA 6.0Gb/s 7200 rpm, 3.5" wide Some: 1TB (7200 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 3.5" wide														
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive														
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset														
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)														
eSATA port	None														
Media reader	None														
Chipset	Intel Q85 Express Chipset														
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Two USB 3.0, four USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)														
PCIe WLAN	None														
Bluetooth	None														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio (1.5 watt)														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®														
Manageability	Intel Standard Manageability														
Modem	None														
Security chip	Trusted Platform Module (TPM1.2-compliant)											Security <ul style="list-style-type: none"> • Security chip (see information on left) • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> - Padlock loop (in rear for opt padlock) - Security slot (in rear for optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Serial port I/O control • Individual USB port disablement • Chassis intrusion switch on selected model(s) 			
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Power supply	280 watts, autosensing														
Machine	<ul style="list-style-type: none"> • Mini Tower (25L), business black color, metal case • (WxDxH) 6.89" X 17.41" X 16.32"; 175mm X 442.3mm X 414.5mm • 24.69 lb (11.20 kg) in maximum configuration • Toolless cover removal, adapter retention • Toolless disk, optical drive removal 														
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk														
Slot	Slot 1: half-length, full-height, PCIe 3.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x16 (x4 elec, 75w max)											ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies			
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available														

See footnotes for important warranty information

US model(s) announced February 4, 2014 or February 25, 2014

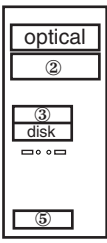
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(MSK1T-6) February 2014

ThinkCentre M83 Mini Tower (10AL) - TopSeller - III

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ³	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Additional Front USB 2.0	2nd serial port	Parallel port	Chassis intrusion switch	ENERGY STAR 6.0	Preload	Ann date (mm/yy)
10AL0014US	3x5	i7-4790	4GBx1	500GB 7200	DVD±RW	None	None	HD 7450	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14
10AL0017US	3x5	G3240	4GBx1	500GB 7200	DVD±RW	None	None	Intel HD	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14
10AL000XUS	3x5	i5-4590	4GBx1	500GB 7200	DVD±RW	None	None	HD 4600	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14
10AL0013US	3x5	i7-4790	8GBx1	256G SSD	DVD±RW	None	None	HD 4600	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14
10AL000YUS	3x5	i5-4590	4GBx1	1TB 7200	DVD±RW	None	None	HD 4600	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14
10AL0016US	3x5	i3-4150	4GBx1	1TB 7200	DVD±RW	None	None	HD 4400	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14
10AL0012US	3x5	i7-4790	4GBx1	1TB 7200	DVD±RW	None	None	HD 4600	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14
10AL0010US	3x5	i5-4590	8GBx1	256G SSD	DVD±RW	None	None	HD 4600	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14
10AL0015US	3x5	i3-4150	4GBx1	500GB 7200	DVD±RW	None	None	HD 4400	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14
10AL0011US	3x5	i7-4790	4GBx1	500GB 7200	DVD±RW	None	None	HD 4600	None	None	None	None	None	Win7 P64 DG	Win8.1 10/14

Positioning	<i>Mainstream enterprise stability and manageability</i>											Preloaded operating system			
Processor	Intel® Pentium® G3240 Processor (2 cores / 2 threads, 3.1GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4790 Processor (4 cores / 8 threads, 3.6GHz, 8MB cache), Turbo Boost 2.0 (4.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller											Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit			
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)			
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 			
Graphics	Intel HD graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution: 3840x2160 (DP) @60Hz [HD 4x00]; 2560x1600 (DP) @60Hz [Intel HD]; 1920x1200 (VGA) @60Hz (Reduced Blanking)</i> Some: AMD Radeon™ HD 7450 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; <i>Max resolution: 2560x1600 (DisplayPort, DVI-I) @60Hz</i>											Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro 			
DP dongle	None														
Disk	Some: SATA 6.0Gb/s 7200 rpm, 3.5" wide Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide														
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive														
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset														
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)														
eSATA port	None														
Media reader	None														
Chipset	Intel Q85 Express Chipset														
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Two USB 3.0, four USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)														
PCIe WLAN	None														
Bluetooth	None														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio (1.5 watt)														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®														
Manageability	Intel Standard Manageability														
Modem	None														
Security chip	Trusted Platform Module (TPM1.2-compliant)											Security <ul style="list-style-type: none"> Security chip (see information on left) One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected mode(s) 			
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Power supply	280 watts, autosensing														
Machine	<ul style="list-style-type: none"> Mini Tower (25L), business black color, metal case (WxDxH) 6.89" X 17.41" X 16.32"; 175mm X 442.3mm X 414.5mm 24.69 lb (11.20 kg) in maximum configuration Toolless cover removal, adapter retention Toolless disk, optical drive removal 														
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk														
Slot	Slot 1: half-length, full-height, PCIe 3.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x16 (x4 elec, 75w max)														
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available														

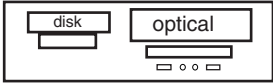
See footnotes for important warranty information

ThinkCentre M83 SFF Pro (10AN)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Pro-processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Additional Front USB 2.0	2nd serial port	Parallel port	Chassis intrusion switch	Floor stand	ENERGY STAR 6.0	Preload	Ann date (mm/dd/yy)
10AN0006US	3x4	i5-4570	4GBx1	500G 7200 DVD±RW	None	None	Reader	HD 8470	None	None	None	None	Stand	None	Win7 Pro64 (DG)	07/30/13
10AN000GUS	3x4	i5-4570	4GBx1	500G 7200 DVD±RW	None	None	None	HD 4600	USB	None	None	None	Stand	None	Win7 Pro64 (DG)	08/27/13
10AN000HUS	3x4	i7-4770	4GBx1	500G 7200 DVD±RW	None	None	None	HD 4600	USB	None	None	None	Stand	None	Win7 Pro64 (DG)	08/27/13
10AN000JUS	3x4	i7-4770	8GBx1	1TB 7200 DVD±RW	None	None	None	HD 4600	USB	None	None	None	Stand	None	Win7 Pro64 (DG)	08/27/13
10AN000KUS	3x4	i5-4570	8GBx1	1TB 7200 DVD±RW	None	None	None	HD 8570	USB	None	None	None	Stand	None	Win7 Pro64 (DG)	08/27/13
10AN000XUS	3x4	i3-4130	4GBx1	500G 7200 DVD±RW	None	None	None	HD 4400	USB	None	None	None	Stand	None	Win7 Pro64 (DG)	10/22/13
10AN000YUS	3x4	i3-4130	8GBx1	1TB Hybrid DVD±RW	None	None	None	HD 8570	USB	None	None	None	Stand	None	Win7 Pro64 (DG)	10/22/13

•3-year limited warranty

Positioning Processor	<i>Mainstream enterprise stability and manageability</i> Intel® Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Preloaded operating system Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Implementation												Ready to install applications (only some listed)
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i> <i>Some: AMD Radeon™ HD 8470, DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express® 2.0 x16 adapter, one VGA, one DisplayPort, 25 watts, Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i> <i>Some: AMD Radeon HD 8570, DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40 watts; Max resolution: 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz</i>											Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro
DP dongle	None											
Disk	<i>Some: SATA 6.0Gb/s 7200 rpm, 3.5" wide</i> <i>Some: 1TB (7200 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 3.5" wide</i>											
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive											
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset											
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)											
eSATA port	None											
Media reader	<i>Some: 29-in-1 media reader, internal USB 2.0</i>											
Chipset	Intel Q85 Express Chipset											
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
Rear ports	Two USB 3.0, four USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models											
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)											
PCIe WLAN	None											
Bluetooth	None											
Audio	High Definition (HD) Audio, Realtek® ALC662 codec											
Speaker	Internal speaker for business audio (1 watt)											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®											
Manageability	Intel Standard Manageability											
Modem	None											
Security chip	Trusted Platform Module (TPM1.2-compliant)											Security <ul style="list-style-type: none"> Security chip (see information on left) One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s)
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	Optional system floor stand for vertical orientation											
Power supply	240 watts, autosensing											
Machine	<ul style="list-style-type: none"> SFF Pro (12.9L), business black color; metal case (WxDxH) 13.31" X 14.76" X 4.02"; 338mm X 375mm X 102mm 17.20 lb (7.8 kg) in maximum configuration Toolless cover removal, adapter retention Toolless disk and optical drive removal 											
Bay	Bay 1: 5.25", 1.6" high, external, std optical Bay 2: 3.5", 1" high, internal, std disk Bay 3: 2.5", N/A, internal, opt or come with opt 2.5" 2nd disk Bay 4: 3.5", 0.5" high, external, opt reader											
Slot	Slot 1: Low Profile, PCI Express 3.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x16 (x4 elec, 40w max)											
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information

US model(s) announced July 30, 2013, August 27, 2013, or October 22, 2013

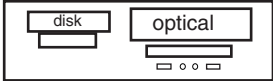
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(MSK1S-4) October 2013

ThinkCentre M83 SFF Pro (10AH) - ES 6.0

Type-model	Slot x Pro-processor	Memory	SATA disk GB rpm	SATA optical	Optional 2.5" Bay	PCIe WLAN	Media reader	Additional Front USB 2.0	2nd serial port	Chassis intrusion switch	Floor stand	Internal Speaker	ENERGY STAR 6.0	Preload	Ann date (mm/yy)
10AH000JUS	3x4 i5-4570	4GBx1	1TB 7200 DVD			Intel 105	None	HD 8470	USB	None	Switch	Stand	Speaker	ES6.0 Win7 Pro64	07/13
10AH0042US	3x4 i5-4570	4GBx1	500G 7200 DVD±RW	2.5" bay	None	None	None	HD 7450	USB	None	None	Stand	Speaker	ES6.0 Win7 P64 DG Win8.1	02/14
10AH006HUS	3x4 i5-4590	4GBx1	500G 7200 DVD±RW	2.5" bay	7260 b/g/n	None	None	HD 8570	None	None	None	None	Speaker	ES6.0 Win7 P64 DG Win8.1	10/14
10AH006JUS	3x4 i7-4790	8GBx1	1TB 7200 DVD±RW	2.5" bay	7260 b/g/n	None	None	HD 4600	None	None	None	None	None	ES6.0 Win7 P64 DG Win8.1	10/14
10AH006KUS	3x4 i7-4790	8GBx1	1TB 7200 DVD±RW	2.5" bay	7260 ac	None	None	GT 620	None	None	None	None	None	ES6.0 Win7 P64 DG Win8.1	10/14
10AH006BUS	3x4 i3-4150	4GBx1	500G 7200 DVD±RW	2.5" bay	None	None	None	HD 4400	None	None	None	None	Speaker	ES6.0 Win7 P64 DG Win8.1	10/14
10AH006DUS	3x4 i3-4150	8GBx1	256G SSD DVD±RW	2.5" bay	7260 b/g/n	None	None	HD 4400	None	None	None	None	Speaker	ES6.0 Win7 P64 DG Win8.1	10/14
10AH006FUS	3x4 i5-4590	8GBx1	256G SSD DVD±RW	2.5" bay	7260 b/g/n	None	None	HD 4600	None	None	None	None	Speaker	ES6.0 Win7 P64 DG Win8.1	10/14
10AH006EUS	3x4 i5-4590	4GBx1	500G 7200 DVD±RW	2.5" bay	None	None	None	HD 4600	None	None	None	None	Speaker	ES6.0 Win7 P64 DG Win8.1	10/14
10AH006CUS	3x4 i3-4150	4GBx1	1TB 7200 DVD±RW	2.5" bay	7260 b/g/n	None	None	HD 4400	None	None	None	None	Speaker	ES6.0 Win7 P64 DG Win8.1	10/14
10AH006GUS	3x4 i7-4790	4GBx1	500G 7200 DVD±RW	2.5" bay	7260 b/g/n	None	None	HD 4600	None	None	None	None	None	ES6.0 Win7 P64 DG Win8.1	10/14

Positioning Processor	Mainstream enterprise stability and manageability Intel® Core™ i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller, Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4790 Processor (4 cores / 8 threads, 3.6GHz, 8MB cache), Turbo Boost 2.0 (4.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller
Implementation	Processor in LGA1150 socket
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i> <i>Some: AMD Radeon HD 8570, DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40 watts; Max resolution: 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz</i> <i>Some: NVIDIA® Geforce® GT 620, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i>
DP dongle	None
Disk	<i>Some: SATA 6.0Gb/s 7200 rpm, 3.5" wide</i> <i>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide</i>
Optical	<i>Some: DVD-ROM DL SATA 1.5Gb/s 16-48X Max⁴ Drive</i> <i>Some: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive</i>
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)
eSATA port	None
Media reader	None
Chipset	Intel Q85 Express Chipset
Front ports	Two USB 3.0, two optional USB 2.0, mic (stereo, 3.5mm), headphone (stereo, 3.5mm)
Rear ports	Two USB 3.0, four USB 2.0, serial (9-pin), optional 2nd serial (9-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)
PCle WLAN	<i>Some: 11ac/a/b/g/n wireless, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo adapter, 2x2</i> <i>Some: 11b/g/n, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + BT 4.0 combo, 2x2</i>
Bluetooth	<i>Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter</i>
Audio	High Definition (HD) Audio, Realtek® ALC662 codec
Speaker	Optional internal speaker for business audio (1 watt)
IEEE 1394	None
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®
Manageability	Intel Standard Manageability
Modem	None
Security chip	Trusted Platform Module (TPM1.2-compliant)
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo
Floor Stand	Optional system floor stand for vertical orientation
Power supply	240 watts, autosensing, 85% PSU
Machine	<ul style="list-style-type: none"> SFF Pro (12.9L), business black color; metal case (WxDxH) 13.31" X 14.76" X 4.02"; 338mm X 375mm X 102mm 17.20 lb (7.8 kg) in maximum configuration Toolless cover removal, adapter retention Toolless disk and optical drive removal
Bay	<ul style="list-style-type: none"> Bay 1: 5.25", 1.6" high, external, std optical Bay 2: 3.5", 1" high, internal, std disk Bay 3: 2.5", N/A, internal, opt or come with opt 2.5" 2nd disk Bay 4: 3.5", 0.5" high, external, opt reader
Slot	<ul style="list-style-type: none"> Slot 1: Low Profile, PCI Express 3.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x16 (x4 elec, 40w max)
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available

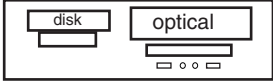


Preloaded operating system	<ul style="list-style-type: none"> <i>Some: Windows® 7 Professional 64</i> <i>Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit</i>
Ready to install applications (only some listed)	<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager
Preloaded applications (only some listed)	<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro
Security	<ul style="list-style-type: none"> Security chip (see information on left) One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s)
	<ul style="list-style-type: none"> EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant
	Supports ThinkVantage Technologies
	For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

ThinkCentre M83 SFF Pro (10AH) - ES 6.0 (OID)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCIe WLAN	Graphics	Additional Front USB 2.0	2nd serial port	Chassis intrusion switch	Floor stand	ENERGY STAR 6.0	Global (G) Preload	Ann date (mm/dd/yy)
10AH0015US	3x4	i5-4570	2GBx1	500G 3.5"	DVD	None	HD 4600	None	None	Switch	None	ES6.0	G O Win7 Pro64	07/30/13
10AH0016US	3x4	i5-4570	4GBx1	500G 3.5"	DVD	None	HD 4600	USB	None	Switch	Stand	ES6.0	G O Win7 Pro64 (DG)	07/30/13
10AH0017US	3x4	i5-4570	4GBx1	1TB 3.5"	DVD	Intel 105	HD 8470	USB	None	Switch	Stand	ES6.0	G O Win7 Pro64 (DG)	07/30/13
10AH001HUS	3x4	i5-4570	4GBx1	500G 3.5"	DVD±RW	None	HD 4600	USB	None	Switch	Stand	ES6.0	G O Win7 Pro64 (DG)	08/20/13
10AH001JUS	3x4	i5-4570	4GBx1	1TB 3.5"	DVD±RW	Intel 105	HD 8470	USB	None	Switch	Stand	ES6.0	G O Win7 Pro64 (DG)	08/20/13
10AH0043US	3x4	i5-4570	2GBx1	500G 2.5"	DVD	None	HD 4600	None	None	Switch	None	ES6.0	G O Win7 Pro64	03/11/14
10AH0054US	3x4	i5-4590	2GBx1	500G 2.5"	DVD	None	HD 4600	None	None	Switch	None	ES6.0	G O Win7 Pro64	06/10/14
10AH005XUS	3x4	i5-4590	4GBx1	500G 3.5"	DVD±RW	None	HD 4600	USB	None	Switch	Stand	ES6.0	G O Win7 P64 DG Win8.1	07/08/14
10AH005YUS	3x4	i5-4590	4GBx1	1TB 3.5"	DVD±RW	8723BE	GT 620	None	None	Switch	Stand	ES6.0	G O Win7 P64 DG Win8.1	07/08/14

Positioning	<i>Mainstream enterprise stability and manageability</i>											Preloaded operating system		
Processor	Intel® Core™ i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											<i>Some:</i> Windows® 7 Professional 64 <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit		
Implementation	Processor in LGA1150 socket													
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets													
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) <i>Some:</i> AMD Radeon™ HD 8470 , DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express® 2.0 x16 adapter, one VGA, one DisplayPort, 25 watts, <i>Max resolution:</i> 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz <i>Some:</i> NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution:</i> 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz											Ready to install applications (only some listed) <ul style="list-style-type: none"> Rescue and Recovery™ Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro 		
DP dongle	None													
Disk	<i>Some:</i> SATA 6.0Gb/s 7200 rpm, 2.5" wide <i>Some:</i> SATA 6.0Gb/s 7200 rpm, 3.5" wide													
Optical	<i>Some:</i> DVD-ROM DL SATA 1.5Gb/s 16-48X Max ⁴ Drive <i>Some:</i> Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive													
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset													
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)													
eSATA port	None													
Media reader	None													
Chipset	Intel Q85 Express Chipset													
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
Rear ports	Two USB 3.0, four USB 2.0, serial (9-pin), optional 2nd serial (9-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models													
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)													
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi/BT 4.0, 1x1 <i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter													
Bluetooth	High Definition (HD) Audio, Realtek® ALC662 codec													
Audio	Internal speaker for business audio (1 watt)													
Speaker	None													
IEEE 1394	None													
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®													
Manageability	Intel Standard Manageability													
Modem	None													
Security chip	Trusted Platform Module (TPM1.2-compliant)													
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo													
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Floor Stand	Optional system floor stand for vertical orientation													
Power supply	240 watts, autosensing, 85% PSU													
Machine	<ul style="list-style-type: none"> SFF Pro (12.9L), business black color; metal case (WxDxH) 13.31" X 14.76" X 4.02"; 338mm X 375mm X 102mm 17.20 lb (7.8 kg) in maximum configuration Toolless cover removal, adapter retention Toolless disk and optical drive removal 													
Bay	Bay 1: 5.25", 1.6" high, external, std optical Bay 2: 3.5", 1" high, internal, std disk Bay 3: 2.5", N/A, internal, opt or come with opt 2.5" 2nd disk Bay 4: 3.5", 0.5" high, external, opt reader													
Slot	Slot 1: Low Profile, PCI Express 3.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x16 (x4 elec, 40w max)													
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available													

See footnotes for important warranty information

ThinkCentre M83 Mini Tower (10AK)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Additional Front Graphics	2nd serial port	Chassis intrusion switch	ENERGY STAR 6.0	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10AK0004US	3x5	i5-4570	8GBx1	500GB 7200	DVD±RW	None	None	GT 620	USB	None	None	None	Win7 P64 DG	07/30/13
10AK0005US	3x5	i5-4570	4GBx1	500GB 7200	DVD±RW	None	None	HD 4600	None	None	None	None	Win7 P64 DG	07/30/13
10AK0006US	3x5	i7-4770	8GBx1	500GB 7200	DVD±RW	None	None	GT 620	USB	None	None	None	Win7 P64 DG	07/30/13
10AK0007US	3x5	i7-4770	8GBx1	500GB 7200	DVD±RW	None	None	HD 4600	None	None	None	None	Win7 P64 DG	07/30/13
10AK000LUS	3x5	i3-4130	4GBx1	500GB 7200	DVD±RW	None	None	HD 4400	USB	None	None	None	Win7 P64 DG	10/22/13
10AK000MUS	3x5	i3-4130	8GBx1	1TB Hybrid	DVD±RW	None	None	HD 8570	USB	None	None	None	Win7 P64 DG	10/22/13
10AK000QUS	3x5	i5-4570	4GBx1	500GB 7200	DVD±RW	None	None	HD 7450	USB	None	None	None	Win7 P64 DG	02/04/14

Positioning	<i>Mainstream enterprise stability and manageability</i>										Preloaded operating system			
Processor	Intel® Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller, Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller, Processor in LGA1150 socket										Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit			
Implementation	Processor in LGA1150 socket										Ready to install applications (only some listed)			
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets										<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 			
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) Some: NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz Some: AMD Radeon HD 8570 , DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40 watts; Max resolution: 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz Some: AMD Radeon™ HD 7450 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; Max resolution: 2560x1600 (DisplayPort, DVI-I)@60Hz										Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro 			
DP dongle	None													
Disk	Some: SATA 6.0Gb/s 7200 rpm, 3.5" wide Some: 1TB (7200 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 3.5" wide													
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive													
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset													
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)													
eSATA port	None													
Media reader	None													
Chipset	Intel Q85 Express Chipset													
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
Rear ports	Two USB 3.0, four USB 2.0, serial (9-pin), optional 2nd serial (9-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models													
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)													
PCIe WLAN	None													
Bluetooth	None													
Audio	High Definition (HD) Audio, Realtek® ALC662 codec													
Speaker	Internal speaker for business audio (1.5 watt)													
IEEE 1394	None													
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®													
Manageability	Intel Standard Manageability													
Modem	None													
Security chip	Trusted Platform Module (TPM1.2-compliant)										Security <ul style="list-style-type: none"> Security chip (see information on left) One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s) 			
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo													
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Power supply	280 watts, autosensing													
Machine	<ul style="list-style-type: none"> Mini Tower (25L), business black color, metal case (WxDxH) 6.89" X 17.41" X 16.32"; 175mm X 442.3mm X 414.5mm 24.69 lb (11.20 kg) in maximum configuration Toolless cover removal, adapter retention Toolless disk, optical drive removal 													
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk													
Slot	Slot 1: half-length, full-height, PCIe 3.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x16 (x4 elec, 75w max)													
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			

See footnotes for important warranty information
 US model(s) announced July 30, 2013, October 22, 2013, or February 4, 2014

ThinkCentre M83 Mini Tower (10AK) - II

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Additional Front Graphics	2nd serial port	Chassis intrusion switch	ENERGY STAR 6.0	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10AK0012US	3x5	i3-4150	4GBx1	500GB 7200	DVD±RW	None	None	HD 4400	None	None	None	None	Win7 P64 DG	Win8.1 10/14/14
10AK0013US	3x5	i3-4150	4GBx1	1TB 7200	DVD±RW	None	None	HD 4400	None	None	None	None	Win7 P64 DG	Win8.1 10/14/14
10AK0015US	3x5	i5-4590	4GBx1	500GB 7200	DVD±RW	None	None	HD 4600	None	None	None	None	Win7 P64 DG	Win8.1 10/14/14
10AK0016US	3x5	i5-4590	8GBx1	1TB 7200	DVD±RW	None	None	HD 4600	None	None	None	None	Win7 P64 DG	Win8.1 10/14/14
10AK0019US	3x5	i7-4790	8GBx1	1TB 7200	DVD±RW	None	None	HD 4600	None	None	None	None	Win7 P64 DG	Win8.1 10/14/14
10AK0017US	3x5	i5-4590	4GBx1	256G SSD	DVD±RW	None	None	HD 4600	None	None	None	None	Win7 P64 DG	Win8.1 10/14/14
10AK0018US	3x5	i7-4790	4GBx1	500GB 7200	DVD±RW	None	None	HD 4600	None	None	None	None	Win7 P64 DG	Win8.1 10/14/14

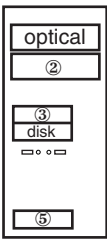
Positioning	<i>Mainstream enterprise stability and manageability</i>										Preloaded operating system			
Processor	Intel® Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller, Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller, Processor in LGA1150 socket										Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit			
Implementation	Processor in LGA1150 socket										Ready to install applications (only some listed)			
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets										<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 			
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) Some: NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz Some: AMD Radeon HD 8570 , DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40 watts; Max resolution: 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz Some: AMD Radeon™ HD 7450 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; Max resolution: 2560x1600 (DisplayPort, DVI-I)@60Hz										Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro 			
DP dongle	None													
Disk	Some: SATA 6.0Gb/s 7200 rpm, 3.5" wide Some: 1TB (7200 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 3.5" wide													
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive													
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset													
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)													
eSATA port	None													
Media reader	None													
Chipset	Intel Q85 Express Chipset													
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
Rear ports	Two USB 3.0, four USB 2.0, serial (9-pin), optional 2nd serial (9-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models													
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)													
PCIe WLAN	None													
Bluetooth	None													
Audio	High Definition (HD) Audio, Realtek® ALC662 codec													
Speaker	Internal speaker for business audio (1.5 watt)													
IEEE 1394	None													
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®													
Manageability	Intel Standard Manageability													
Modem	None													
Security chip	Trusted Platform Module (TPM1.2-compliant)										Security <ul style="list-style-type: none"> Security chip (see information on left) One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s) 			
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo													
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Power supply	280 watts, autosensing													
Machine	<ul style="list-style-type: none"> Mini Tower (25L), business black color, metal case (WxDxH) 6.89" X 17.41" X 16.32"; 175mm X 442.3mm X 414.5mm 24.69 lb (11.20 kg) in maximum configuration Toolless cover removal, adapter retention Toolless disk, optical drive removal 													
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk													
Slot	Slot 1: half-length, full-height, PCIe 3.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x16 (x4 elec, 75w max)													
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			

See footnotes for important warranty information

ThinkCentre M83 Mini Tower (10AG) - ES 6.0

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Additional Front USB 2.0	2nd serial port	Chassis intrusion switch	ENERGY STAR 6.0 Global	Preload	Ann date (mm/dd/yy)
10AG0012US	3x5	i5-4570	4GBx1	500G 7200	DVD±RW	None	None	HD 7450	USB	None	None	ES6.0	None	Win7 P64 DG Win8.1 02/04/14
10AG001NUS	3x5	i5-4590	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	None	ES6.0	None	Win7 P64 DG Win8.1 10/14/14
10AG002BUS	3x5	i5-4590	8GBx1	256G SSD	DVD±RW	None	None	HD 4600	None	None	None	ES6.0	None	Win7 P64 DG Win8.1 10/14/14
10AG002AUS	3x5	i5-4590	4GBx1	1TB 7200	DVD±RW	None	None	HD 4600	None	None	None	ES6.0	None	Win7 P64 DG Win8.1 10/14/14
10AG0029US	3x5	i3-4150	4GBx1	500G 7200	DVD±RW	None	None	HD 7450	None	None	None	ES6.0	None	Win7 P64 DG Win8.1 10/14/14
10AG0026US	3x5	i7-4790	8GBx1	256G SSD	DVD±RW	None	None	HD 4600	None	None	None	ES6.0	None	Win7 P64 DG Win8.1 10/14/14
10AG0025US	3x5	i7-4790	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	None	ES6.0	None	Win7 P64 DG Win8.1 10/14/14
10AG0028US	3x5	i3-4150	4GBx1	1TB 7200	DVD±RW	None	None	HD 4400	None	None	None	ES6.0	None	Win7 P64 DG Win8.1 10/14/14
10AG0027US	3x5	i3-4150	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	None	ES6.0	None	Win7 P64 DG Win8.1 10/14/14
10AG0024US	3x5	i7-4790	4GBx1	1TB 7200	DVD±RW	None	None	HD 4600	None	None	None	ES6.0	None	Win7 P64 DG Win8.1 10/14/14

Positioning	<i>Mainstream enterprise stability and manageability</i>											Preloaded operating system		
Processor	Intel® Core™ i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4790 Processor (4 cores / 8 threads, 3.6GHz, 8MB cache), Turbo Boost 2.0 (4.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit Ready to install applications (only some listed)		
Implementation	Processor in LGA1150 socket											<ul style="list-style-type: none"> • Password Manager 		
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											Preloaded applications (only some listed)		
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i> Some: AMD Radeon™ HD 7450 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; <i>Max resolution: 2560x1600 (DisplayPort, DVI-I)@60Hz</i>											<ul style="list-style-type: none"> • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage by SugarSync • Desktop Power Manager • Norton™ Studio • AccuWeather • Evernote® • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • ThinkVantage System Update • Lenovo Solution Center • Norton Internet Security (30 days of virus definitions) • Skype™ • Intel AppUp • Intel Small Business Advantage • Nitro Pro 		
DP dongle	None													
Disk	SATA 6.0Gb/s 7200 rpm, 3.5" wide													
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive													
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset													
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)													
eSATA port	None													
Media reader	None													
Chipset	Intel Q85 Express Chipset													
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
Rear ports	Two USB 3.0, four USB 2.0, serial (9-pin), optional 2nd serial (9-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models													
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)													
PCIe WLAN	None													
Bluetooth	None													
Audio	High Definition (HD) Audio, Realtek® ALC662 codec													
Speaker	Internal speaker for business audio (1.5 watt)													
IEEE 1394	None													
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®													
Manageability	Intel Standard Manageability													
Modem	None													
Security chip	Trusted Platform Module (TPM1.2-compliant)											Security <ul style="list-style-type: none"> • Security chip (see information on left) • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Serial port I/O control • Individual USB port disablement • Chassis intrusion switch on selected model(s) 		
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo													
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Power supply	280 watts, autosensing, 85% PSU													
Machine	<ul style="list-style-type: none"> • Mini Tower (25L), business black color, metal case • (WxDxH) 6.89" X 17.41" X 16.32"; 175mm X 442.3mm X 414.5mm • 24.69 lb (11.20 kg) in maximum configuration • Toolless cover removal, adapter retention • Toolless disk, optical drive removal 													
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk													
Slot	Slot 1: half-length, full-height, PCIe 3.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x16 (x4 elec, 75w max)													
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available													
See footnotes for important warranty information												Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet		

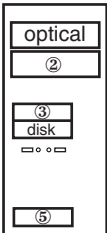
See footnotes for important warranty information

ThinkCentre M83 Mini Tower (10AG) - ES 6.0 (Windows 8)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Additional Front Graphics	2nd serial port	Chassis intrusion switch	ENERGY STAR 6.0	Global	Preload	Ann date (mm/dd/yy)	
10AG000CUS	3x5	i5-4570	4GBx1	1TB 7200	DVD	Intel 105	None	HD 8470	USB	None	Switch	ES6.0	None	Win8 Pro64	07/30/13

●3-year limited warranty

Positioning	<i>Mainstream enterprise stability and manageability</i>										Preloaded operating system			
Processor	Intel® Core™ i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology										Windows® 8 Pro 64-bit			
Implementation	Processor in LGA1150 socket										Ready to install applications (only some listed)			
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets										<ul style="list-style-type: none"> ● Password Manager 			
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i> <i>Some: AMD Radeon™ HD 8470, DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express® 2.0 x16 adapter, one VGA, one DisplayPort, 25 watts, Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i>										Preloaded applications (only some listed)			
DP dongle	None										<ul style="list-style-type: none"> ● Lenovo Support ● Lenovo Companion ● Lenovo Cloud Storage by SugarSync ● Desktop Power Manager ● Norton™ Studio ● AccuWeather ● Evernote® ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink PowerDVD (DVD±RW, DVD) ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● ThinkVantage System Update ● Lenovo Solution Center ● Norton Internet Security (30 days of virus definitions) ● Skype™ ● Intel AppUp ● Intel Small Business Advantage ● Nitro Pro 			
Disk	SATA 6.0Gb/s 7200 rpm, 3.5" wide													
Optical	DVD-ROM DL SATA 1.5Gb/s 16-48X Max ⁴ Drive													
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset													
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)													
eSATA port	None													
Media reader	None													
Chipset	Intel Q85 Express Chipset													
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
Rear ports	Two USB 3.0, four USB 2.0, serial (9-pin), optional 2nd serial (9-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models													
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)													
PCIe WLAN	<i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1</i>													
Bluetooth	None													
Audio	High Definition (HD) Audio, Realtek® ALC662 codec													
Speaker	Internal speaker for business audio (1.5 watt)													
IEEE 1394	None													
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®													
Manageability	Intel Standard Manageability													
Modem	None													
Security chip	Trusted Platform Module (TPM1.2-compliant)										Security			
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo										<ul style="list-style-type: none"> ● Security chip (see information on left) ● One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Serial port I/O control ● Individual USB port disablement ● Chassis intrusion switch on selected model(s) 			
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Power supply	280 watts, autosensing, 85% PSU													
Machine	<ul style="list-style-type: none"> ● Mini Tower (25L), business black color, metal case ● (WxDxH) 6.89" X 17.41" X 16.32"; 175mm X 442.3mm X 414.5mm ● 24.69 lb (11.20 kg) in maximum configuration ● Toolless cover removal, adapter retention ● Toolless disk, optical drive removal 													
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk													
Slot	Slot 1: half-length, full-height, PCIe 3.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x16 (x4 elec, 75w max)										EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant			
Limited Warranty	3-years, limited onsite service. 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										Supports ThinkVantage Technologies			
											For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			

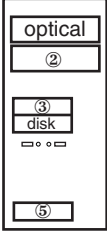
See footnotes for important warranty information
US model(s) announced July 30, 2013

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(MSK1T-1) August 2013

ThinkCentre M83 Mini Tower (10AG) - ES 6.0 (OID)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCIe WLAN	Additional Graphics	2nd Front USB 2.0	serial port	Chassis intrusion switch	Key-board	ENERGY STAR 6.0	Global (G) Preload	Ann date (mm/dd/yy)
10AG000PUS	3x5	i5-4570	4GBx1	1TB 7200	DVD	Intel 105	HD 8470	USB	None	Switch	USB	ES6.0 G O	Win7 Pro64 (DG)	07/30/13
10AG000QUS	3x5	i5-4570	2GBx1	500GB 7200	DVD	None	HD 4600	None	None	Switch	USB	ES6.0 G O	Win7 Pro64	07/30/13
10AG000RUS	3x5	i5-4570	4GBx1	500GB 7200	DVD	None	HD 4600	USB	None	Switch	USB	ES6.0 G O	Win7 Pro64 (DG)	07/30/13
10AG000SUS	3x5	i5-4570	4GBx1	500GB 7200	DVD±RW	None	HD 4600	USB	None	Switch	Finger	ES6.0 G O	Win7 Pro64 (DG)	08/20/13
10AG000TUS	3x5	i5-4570	4GBx1	1TB 7200	DVD±RW	Intel 105	HD 8470	USB	None	Switch	USB	ES6.0 G O	Win7 Pro64 (DG)	08/20/13
10AG000UUS	3x5	i5-4570	4GBx1	500GB 7200	DVD±RW	None	HD 4600	USB	None	Switch	USB	ES6.0 G O	Win7 Pro64 (DG)	09/10/13
10AG001KUS	3x5	i5-4590	2GBx1	500GB 7200	DVD	None	HD 4600	None	None	Switch	USB	ES6.0 G O	Win7 Pro64	06/10/14
10AG001PUS	3x5	i5-4590	4GBx1	500GB 7200	DVD±RW	None	HD 4600	USB	None	Switch	USB	ES6.0 G O	Win7 P64 DG Win 8.1	07/08/14
10AG001QUS	3x5	i5-4590	4GBx1	1TB 7200	DVD±RW	8723BE	GT 620	None	None	Switch	USB	ES6.0 G O	Win7 P64 DG Win 8.1	07/08/14

Positioning	Mainstream enterprise stability and manageability											Preloaded operating system		
Processor	Intel® Core™ i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Some: Windows® 7 Professional 64 Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit		
Implementation	Processor in LGA1150 socket													
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets													
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) Some: AMD Radeon™ HD 8470 , DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express® 2.0 x16 adapter, one VGA, one DisplayPort, 25 watts, Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz Some: NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz											Ready to install applications (only some listed) <ul style="list-style-type: none"> Rescue and Recovery™ Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro 		
DP dongle	None													
Disk	SATA 6.0Gb/s 7200 rpm, 3.5" wide													
Optical	Some: DVD-ROM DL SATA 1.5Gb/s 16-48X Max ⁴ Drive Some: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive													
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset													
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)													
eSATA port	None													
Media reader	None													
Chipset	Intel Q85 Express Chipset													
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
Rear ports	Two USB 3.0, four USB 2.0, serial (9-pin), optional 2nd serial (9-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models													
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)													
PCIe WLAN	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 Some: 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi/BT 4.0, 1x1 Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter													
Bluetooth	High Definition (HD) Audio, Realtek® ALC662 codec													
Audio	Internal speaker for business audio (1.5 watt)													
Speaker	None													
IEEE 1394	None													
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®													
Manageability	Intel Standard Manageability													
Modem	None													
Security chip	Trusted Platform Module (TPM1.2-compliant)													
Keyboard	Some: Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo Some: Lenovo USB Fingerprint Keyboard (USB connector)													
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Power supply	280 watts, autosensing, 85% PSU													
Machine	<ul style="list-style-type: none"> Mini Tower (25L), business black color, metal case (WxDxH) 6.89" X 17.41" X 16.32"; 175mm X 442.3mm X 414.5mm 24.69 lb (11.20 kg) in maximum configuration Toolless cover removal, adapter retention Toolless disk, optical drive removal 													
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk													
Slot	Slot 1: half-length, full-height, PCIe 3.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x16 (x4 elec, 75w max)													
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Security <ul style="list-style-type: none"> Security chip (see information on left) One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s) EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies		
												For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet		

See footnotes for important warranty information

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ThinkCentre M800 SFF
optional monitor



ThinkCentre M800 SFF



ThinkCentre M800 SFF
top view



ThinkCentre M800 SFF
bottom view



ThinkCentre M800 SFF
front and back view



ThinkCentre M800 SFF
left and right view

ThinkCentre M800 SFF Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Manageability	Intel Standard Manageability																																																						
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Pentium G4400</td> <td>2 / 2</td> <td>3.3G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4500</td> <td>2 / 2</td> <td>3.5G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6100</td> <td>2 / 4</td> <td>3.7 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6300</td> <td>2 / 4</td> <td>3.8 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6400</td> <td>4 / 4</td> <td>2.7 G / 3.3 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6500</td> <td>4 / 4</td> <td>3.2 G / 3.6 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6600</td> <td>4 / 4</td> <td>3.3 G / 3.9 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i7-6700</td> <td>4 / 8</td> <td>3.4 G / 4.0 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	Security chip	Trusted Platform Module, TCG 1.2-compliant
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics																																																				
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510																																																				
Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530																																																				
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Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530																																																				
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Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530																																																				
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530																																																				
		Security features	<ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional chassis intrusion switch 																																																						
		Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo USB Fingerprint Keyboard (USB connector) <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black																																																						
		Mouse	<i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																						
Memory	64GB max, UDIMM, DDR4 2133, four 288-pin DIMM sockets, dual-channel capable	Mechanical	<ul style="list-style-type: none"> SFF (9.7L), black color; metal case (WxDxH) 13.31" X 14.05" X 3.46"; 338mm X 357mm X 88mm 12.3 lb (5.6 kg) Toolless cover, disk, optical removal Toolless graphics, PCI adapter retention Optional dust filter Bay 1: N/A, 9.5mm high, external, std optical Bay 2: 3.5", 1" high, internal, std disk Bay 3: 2.5", N/A, internal, opt 2nd 2.5" disk (optional bay) Bay 4: N/A, N/A, external, opt reader Slot 1: Low Profile, PCI Express 3.0 x16 (45w max) Slot 2: Low Profile, PCIe 3.0 x1 Slot 3: Low Profile, PCIe 3.0 x16 (x4 elec, 45w max) Slot 4: Low Profile, optional 32-bit PCI 2.3 (via M.2 to PCI adaptor) 																																																						
Disk	<i>Some:</i> Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm <i>Some:</i> Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s																																																								
Optical	<i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide <i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive <i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive																																																								
Onboard SATA	Four onboard SATA 6.0Gb/s connectors, one is eSATA connector for optional rear eSATA port																																																								
Media reader	Optional 7-in-1 media reader																																																								
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support more displays; <i>Max resolution:</i> 4096x2304 (DP) @60Hz; 1920x1200 (VGA) @60Hz <i>Some:</i> NVIDIA® Quadro® K420 , DirectX 12, 2GB, PCIe 2.0 x16 adapter, one DVI-I, one DisplayPort, 41 watts; <i>Max resolution:</i> 3840x2160 (DisplayPort) @60Hz; 2560x1600 (DVI-I) @60Hz <i>Some:</i> NVIDIA GeForce® GT 720 , DirectX 12, 2GB, PCIe 2.0 x8 adapter, one VGA, one HDMI, 25 watts; <i>Max resolution:</i> 1920x1080 (HDMI) @60Hz; 2048x1536 (VGA) @85Hz <i>Some:</i> NVIDIA GeForce GT 720 , DirectX 12, 1GB, PCIe 2.0 x8 adapter, two DisplayPort, 25 watts; <i>Max resolution:</i> 3840x2160 (DisplayPort) @60Hz;	Floor Stand	Optional system floor stand for vertical orientation																																																						
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Power supply	210 watts, autosensing, 85% PSU																																																						
Chipset	Intel Q150 Chipset	Limited warranty ³	<i>Some:</i> 1-year or 3-year, limited onsite service / service upgrades available <i>Some:</i> 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>																																																						
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)	Preload	Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit																																																						
Rear ports	Four USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional PS/2 ports (keyboard/mouse), one optional eSATA port additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models		Preloaded applications (only some listed) <ul style="list-style-type: none"> Desktop Power Manager Lenovo Solution Center Lenovo REACHit Lenovo SHAREit Lenovo Bluetooth Lock (for models with Wi-Fi/BT card) McAfee® LiveSafe™ (30-day trial) Microsoft Office preloaded; purchase a product key to activate PowerDVD Create (DVD±RW) Lenovo ThinkVantage Tools - Only for Window 10 Lenovo Companion Cyberlink PowerDVD (DVD, DVD±RW) Lenovo QuickOptimizer - Only for Window 7 Rescue and Recovery Password Manager ThinkVantage System Update Lenovo Message Center Plus Adobe® Reader® 																																																						
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)																																																								
IEEE 1394	None																																																								
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)	Environment	ENERGY STAR® 6.1>(*Need 85% PSU and Windows OS); ErP Lot 3; GREENGUARD®; RoHS-compliant; TUV Green Mark																																																						
WLAN ¹³	<i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2	Accessories	For compatible accessories, please go to TC-AQP sheet																																																						
Bluetooth™	<i>Some:</i> Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter																																																								
Ethernet	Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®																																																								
Modem	None																																																								

See footnotes for more detailed information

ThinkCentre M800 SFF (10FY) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Storage	Optical	Optional 2.5" Bay	WLAN	Media reader	Graphics	DP dongle	Optional front ports	Optional rear ports	Chassis intrusion switch	Floor stand	PCI slot	Dust filter	vPro	Key-board/ Mouse	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10FY0004US	i7-6700	8GBx1	192GB SSD	DVD±RW	None	None	None	Intel HD 530	None	None	PS2	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	11/15
10FY0005US	i5-6500	4GBx1	192GB SSD	DVD±RW	None	None	None	Intel HD 530	None	None	PS2	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	11/15
10FY0006US	i5-6500	4GBx1	500GB 7200 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	PS2	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	11/15
10FY0007US	i7-6700	4GBx1	500GB 7200 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	PS2	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	11/15
10FY0008US	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	None	None	None	GT 720 1GB	None	None	PS2	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	11/15
10FY0009US	i5-6500	4GBx1	1TB 7200 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	PS2	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	11/15
10FY000AUS	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	PS2	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	11/15
10FY000CUS	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Windows 10 Pro64	11/15
10FY000DUS	i5-6400	4GBx1	500GB 7200 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Windows 10 Pro64	11/15
10FY000EUS	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	None	None	None	GT 720 1GB	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Windows 10 Pro64	11/15
10FY000FUS	i5-6500	4GBx1	500GB 7200 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Windows 10 Pro64	11/15

• For detailed platform specifications, please see [ThinkCentre M800 SFF Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	WLAN ¹³	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter																																																						
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Pentium G4400</td> <td>2 / 2</td> <td>3.3G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4500</td> <td>2 / 2</td> <td>3.5G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6100</td> <td>2 / 4</td> <td>3.7 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6300</td> <td>2 / 4</td> <td>3.8 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6400</td> <td>4 / 4</td> <td>2.7 G / 3.3 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6500</td> <td>4 / 4</td> <td>3.2 G / 3.6 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6600</td> <td>4 / 4</td> <td>3.3 G / 3.9 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i7-6700</td> <td>4 / 8</td> <td>3.4 G / 4.0 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	Bluetooth™ Ethernet	Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics																																																				
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510																																																				
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Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530																																																				
Memory	64GB max, UDIMM, DDR4 2133, four 288-pin DIMM sockets, dual-channel capable	Manageability	Intel Standard Manageability																																																						
Disk	Some: Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s	Security chip	Trusted Platform Module, TCG 1.2-compliant																																																						
Optical	Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Security features	<ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional chassis intrusion switch 																																																						
Onboard SATA Media reader	Four SATA 6.0Gb/s connectors, one is eSATA for optional rear eSATA port Optional 7-in-1 media reader	Keyboard	Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector) Some: UltraSlim Plus Wireless Keyboard (2.4GHz via USB receiver), black Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: UltraSlim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																						
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™ Some: NVIDIA® Quadro® K420, DirectX 12, 2GB, one DVI-I, one DisplayPort; Some: NVIDIA GeForce® GT 720, DirectX 12, 2GB, one VGA, one HDMI; Some: NVIDIA Geforce GT 720, DirectX 12, 1GB, two DisplayPort; Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Mouse	Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: UltraSlim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																						
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Mechanical	<ul style="list-style-type: none"> SFF (9.7L), black color; metal case (WxDxH) 13.31" X 14.05" X 3.46"; 338mm X 357mm X 88mm 12.3 lb (5.6 kg) Toolless cover, disk, optical removal Toolless graphics, PCI adapter retention Optional dust filter 																																																						
Chipset	Intel Q150 Chipset	Floor Stand	Bays: 9.5mm ODD bay x1, 3.5"x1, opt 2.5" bay x1, MCR bay x1 Slots (Low Profile): two PCIe 3.0 x16 (one is x4 elec, 45w max), one PCIe 3.0 x1, one opt PCI 2.3 (via M.2 to PCI adaptor) Optional system floor stand for vertical orientation																																																						
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)	Power supply	210 watts, autosensing, 85% PSU																																																						
Rear ports	Four USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional PS/2 ports (keyboard/mouse), one optional eSATA port additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models	Limited warranty ³	Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																																																						
Rear audio ports IEEE 1394	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm) None	Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit																																																						
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)																																																								

See footnotes for more detailed information

ThinkCentre M800 SFF (10FY) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Storage	Optical	Optional 2.5" Bay	WLAN	Media reader	Graphics	DP dongle	Optional front ports	Optional rear ports	Chassis intrusion switch	Floor stand	PCI slot	Dust filter	vPro	Key-board/ Mouse	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10FY001LUS	i3-6100	4GBx1	128GB SSD	DVD±RW	2.5" Bay	Intel 8260 ac	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Windows 10 Pro64	12/15
10FY001CUS	i7-6700	8GBx1	180GB SSD opal	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FY001AUS	i7-6700	8GBx1	128GB SSD	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FY0017US	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FY001NUS	i3-6100	4GBx1	500GB 7200 3.5	DVD±RW	2.5" Bay	Intel 8260 ac	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FY0013US	i5-6400	4GBx1	500GB 7200 3.5	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FY0015US	i7-6700	8GBx1	256GB SSD opal	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FY001MUS	i3-6100	8GBx1	1TB 7200 3.5	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FY0018US	i5-6400	8GBx1	1TB 7200 3.5	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FY0012US	i3-6100	4GBx1	500GB 7200 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FY001BUS	i5-6400	8GBx1	128GB SSD	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FY000QUS	i3-6100	4GBx1	500GB 7200 3.5	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15

• For detailed platform specifications, please see [ThinkCentre M800 SFF Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	WLAN ¹³	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2																																																						
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Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics																																																				
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Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530																																																				
Memory	64GB max, UDIMM, DDR4 2133, four 288-pin DIMM sockets, dual-channel capable	Manageability Security chip	Intel Standard Manageability Trusted Platform Module, TCG 1.2-compliant																																																						
Disk	Some: Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s	Security features	<ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional chassis intrusion switch 																																																						
Optical	Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Keyboard	Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector)																																																						
Onboard SATA Media reader	Four SATA 6.0Gb/s connectors, one is eSATA for optional rear eSATA port Optional 7-in-1 media reader	Mouse	Some: UltraSlim Plus Wireless Keyboard (2.4GHz via USB receiver), black Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: UltraSlim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																						
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™ Some: NVIDIA® Quadro® K420, DirectX 12, 2GB, one DVI-I, one DisplayPort; Some: NVIDIA GeForce® GT 720, DirectX 12, 2GB, one VGA, one HDMI; Some: NVIDIA Geforce GT 720, DirectX 12, 1GB, two DisplayPort; Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Mechanical	<ul style="list-style-type: none"> SFF (9.7L), black color; metal case (WxDxH) 13.31" X 14.05" X 3.46"; 338mm X 357mm X 88mm 12.3 lb (5.6 kg) Toolless cover, disk, optical removal Toolless graphics, PCI adapter retention Optional dust filter 																																																						
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Floor Stand	Bays: 9.5mm ODD bay x1, 3.5"x1, opt 2.5" bay x1, MCR bay x1 Slots (Low Profile): two PCIe 3.0 x16 (one is x4 elec, 45w max), one PCIe 3.0 x1, one opt PCI 2.3 (via M.2 to PCI adaptor) Optional system floor stand for vertical orientation																																																						
Chipset	Intel Q150 Chipset	Power supply	210 watts, autosensing, 85% PSU																																																						
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)	Limited warranty ³	Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																																																						
Rear ports	Four USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional PS/2 ports (keyboard/mouse), one optional eSATA port additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models	Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit																																																						
Rear audio ports IEEE 1394	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm) None																																																								
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)																																																								

See footnotes for more detailed information

ThinkCentre M800 SFF (10FY) - TopSeller - III

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Storage	Optical	Optional 2.5" Bay	WLAN	Media reader	Graphics	DP dongle	Optional front ports	Optional rear ports	Chassis intrusion switch	Floor stand	PCI slot	Dust filter	vPro	Key-board/ Mouse	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10FY0014US	i5-6400	8GBx1	180GB SSD opal	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FY0016US	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	2.5" Bay	None	None	GT 720 1GB	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FY001JUS	i7-6700	8GBx2	1TB 7200 3.5	DVD±RW	2.5" Bay	None	None	GT 720 1GB	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Windows 10 Pro64	12/15
10FY001GUS	i7-6700	8GBx2	1TB 7200 3.5	DVD±RW	2.5" Bay	None	None	GT 720 1GB	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FY001KUS	i3-6100	4GBx1	128GB SSD	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FY001EUS	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	2.5" Bay	None	None	GT 720 1GB	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Windows 10 Pro64	12/15
10FY001PUS	i3-6100	4GBx1	500GB 7200 3.5	DVD±RW	2.5" Bay	Intel 8260 ac	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Windows 10 Pro64	12/15
10FY001HUS	i5-6400	8GBx1	500GB 7200 3.5	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Windows 10 Pro64	12/15
10FY001FUS	i5-6400	4GBx1	500GB 7200 3.5	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Windows 10 Pro64	12/15
10FY001DUS	i5-6400	8GBx1	256GB SSD opal	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FY0019US	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	2.5" Bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	No	USB	3-onsite	No	Windows 10 Pro64	12/15

• For detailed platform specifications, please see [ThinkCentre M800 SFF Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	WLAN ¹³	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2																																																						
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Pentium G4400</td> <td>2 / 2</td> <td>3.3G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4500</td> <td>2 / 2</td> <td>3.5G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6100</td> <td>2 / 4</td> <td>3.7 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6300</td> <td>2 / 4</td> <td>3.8 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6400</td> <td>4 / 4</td> <td>2.7 G / 3.3 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6500</td> <td>4 / 4</td> <td>3.2 G / 3.6 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6600</td> <td>4 / 4</td> <td>3.3 G / 3.9 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i7-6700</td> <td>4 / 8</td> <td>3.4 G / 4.0 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	Bluetooth™ Ethernet	Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics																																																				
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510																																																				
Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530																																																				
Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530																																																				
Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530																																																				
Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530																																																				
Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530																																																				
Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530																																																				
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530																																																				
Memory	64GB max, UDIMM, DDR4 2133, four 288-pin DIMM sockets, dual-channel capable	Manageability Security chip	Intel Standard Manageability Trusted Platform Module, TCG 1.2-compliant																																																						
Disk	Some: Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s	Security features	<ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional chassis intrusion switch 																																																						
Optical	Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Keyboard	Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector)																																																						
Onboard SATA Media reader	Four SATA 6.0Gb/s connectors, one is eSATA for optional rear eSATA port Optional 7-in-1 media reader	Mouse	Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																						
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™ Some: NVIDIA® Quadro® K420, DirectX 12, 2GB, one DVI-I, one DisplayPort; Some: NVIDIA GeForce® GT 720, DirectX 12, 2GB, one VGA, one HDMI; Some: NVIDIA GeForce GT 720, DirectX 12, 1GB, two DisplayPort; Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Mechanical	<ul style="list-style-type: none"> SFF (9.7L), black color; metal case (WxDxH) 13.31" X 14.05" X 3.46"; 338mm X 357mm X 88mm 12.3 lb (5.6 kg) Toolless cover, disk, optical removal Toolless graphics, PCI adapter retention Optional dust filter Bays: 9.5mm ODD bay x1, 3.5"x1, opt 2.5" bay x1, MCR bay x1 Slots (Low Profile): two PCIe 3.0 x16 (one is x4 elec, 45w max), one PCIe 3.0 x1, one opt PCI 2.3 (via M.2 to PCI adaptor) Optional system floor stand for vertical orientation																																																						
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Floor Stand	Optional system floor stand for vertical orientation																																																						
Chipset	Intel Q150 Chipset	Power supply	210 watts, autosensing, 85% PSU																																																						
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)	Limited warranty ³	Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																																																						
Rear ports	Four USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional PS/2 ports (keyboard/mouse), one optional eSATA port additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models	Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit																																																						
Rear audio ports IEEE 1394	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm) None																																																								
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)																																																								

See footnotes for more detailed information



ThinkCentre M800 Mini Tower
with optional monitor



ThinkCentre M800 Mini Tower



ThinkCentre M800 Mini Tower
with optional front access HDD



ThinkCentre M800 Mini Tower
with optional adapters



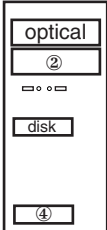
ThinkCentre M800 Mini Tower
back view



ThinkCentre M800 Mini Tower
left view

ThinkCentre M800 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor						Manageability Intel Standard Manageability Security chip Trusted Platform Module, TCG 1.2-compliant Security features <ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional chassis intrusion switch
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	
	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	
	Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530	
	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	
	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	
	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	
	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	
Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530		
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530		
Memory	64GB max, UDIMM, DDR4 2133, four 288-pin DIMM sockets, dual-channel capable						
Disk	<i>Some:</i> Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm <i>Some:</i> Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide <i>Some:</i> Front accessible and removable HDD, 3.5", lockable via physical key						
Optical	<i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive <i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive						
Onboard SATA	Four onboard SATA 6.0Gb/s connectors, one is eSATA connector for optional rear eSATA port						
Media reader	Optional 29-in-1 media reader						
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support more displays; <i>Max resolution:</i> 4096x2304 (DP)@60Hz; 1920x1200 (VGA)@60Hz <i>Some:</i> NVIDIA® Quadro® K420 , DirectX 12, 2GB, PCIe 2.0 x16 adapter, one DVI-I, one DisplayPort, 41 watts; <i>Max resolution:</i> 3840x2160 (DisplayPort)@60Hz; 2560x1600 (DVI-I)@60Hz <i>Some:</i> NVIDIA GeForce® GT 720 , DirectX 12, 2GB, PCIe 2.0 x8 adapter, one VGA, one HDMI, 25 watts; <i>Max resolution:</i> 1920x1080 (HDMI)@60Hz; 2048x1536 (VGA)@85Hz <i>Some:</i> NVIDIA GeForce GT 720 , DirectX 12, 1GB, PCIe 2.0 x8 adapter, two DisplayPort, 25 watts; <i>Max resolution:</i> 3840x2160 (DisplayPort)@60Hz; Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle						
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle						
Chipset	Intel Q150 Chipset						
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)						
Rear ports	Four USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional PS/2 ports (keyboard/mouse), one optional eSATA port additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models						
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)						
IEEE 1394	None						
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)						
WLAN ¹³	<i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2						
Bluetooth™	<i>Some:</i> Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter						
Ethernet	Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®						
Modem	None						
Mechanical	<ul style="list-style-type: none"> Mini Tower (25L), black color, metal case (WxDxH) 6.89" X 16.26" X 15.98"; 175mm X 413mm X 406mm 27.56 lb (12.5 kg) Toolless cover, disk, optical removal Toolless graphics, PCI adapter retention Optional dust filter Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, opt media reader / front access HDD Bay 3: 3.5", 1" high, no access, std disk Bay 4: 3.5", 1" high, no access, opt disk Slot 1: half-length, full-height, PCIe 3.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 3.0 x1 Slot 3: half-length, full-height, PCIe 3.0 x16 (x4 elec, 75w max) Slot 4: half-length, full-height, optional 32-bit PCI 2.3 (via M.2 to PCI adaptor) 						
Power supply	250 watts, autosensing, 85% PSU						
Limited warranty ³	<i>Some:</i> 1-year or 3-year, limited onsite service / service upgrades available <i>Some:</i> 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet						
Preload	Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit		Preloaded applications (only some listed) <ul style="list-style-type: none"> Desktop Power Manager Lenovo Solution Center Lenovo REACHit Lenovo SHAREit Lenovo Bluetooth Lock (for models with Wi-Fi/BT card) McAfee® LiveSafe™ (30-day trial) Microsoft Office preloaded; purchase a product key to activate PowerDVD Create (DVD±RW) Lenovo ThinkVantage Tools Only for Window 10 <ul style="list-style-type: none"> Lenovo Companion Cyberlink PowerDVD (DVD, DVD±RW) Lenovo QuickOptimizer Only for Window 7 <ul style="list-style-type: none"> Rescue and Recovery Password Manager ThinkVantage System Update Lenovo Message Center Plus Adobe® Reader® 				
Environment	ENERGY STAR® 6.1*(Need 85% PSU and Windows OS); ErP Lot 3; GREENGUARD®; RoHS-compliant; TUV Green Mark						
Accessories	For compatible accessories, please go to TC-AQP sheet						

See footnotes for more detailed information

ThinkCentre M800 Mini Tower (10FW) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Storage	Optical	2nd 3.5" HDD tray	WLAN	Media reader	Graphics	DP dongle	Optional front ports	Optional rear ports	Chassis intrusion switch	Carry handle	Front access HDD	PCI slot	Dust filter	vPro	Key-board/Mouse	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10FW0002US	i7-6700	4GBx1	1TB 7200 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	11/15
10FW0003US	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	None	None	None	K420 2GB	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	11/15
10FW0004US	i7-6700	8GBx1	120GB SSD	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	11/15
10FW0005US	i5-6500	4GBx1	500GB 7200 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	11/15
10FW0006US	i7-6700	8GBx1	500GB 7200 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	11/15
10FW0007US	i5-6500	4GBx1	120GB SSD	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	11/15
10FW000WUS	i5-6400	4GBx1	500GB 7200 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Windows 10 Pro64	11/15
10FW000XUS	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	None	None	None	GT 720 2GB	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Windows 10 Pro64	11/15
10FW000YUS	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Windows 10 Pro64	11/15
10FW0010US	i5-6500	4GBx1	500GB 7200 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Windows 10 Pro64	11/15

• For detailed platform specifications, please see [ThinkCentre M800 Mini Tower Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor						WLAN ¹³ Bluetooth™ Ethernet Modem	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN® None
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics		
	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510		
	Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530		
	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530		
	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530		
	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530		
	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530		
Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530			
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530			
Memory	64GB max, UDIMM, DDR4 2133, four 288-pin DIMM sockets, dual-channel capable						Manageability Security chip Security features	Intel Standard Manageability Trusted Platform Module, TCG 1.2-compliant • One lock to secure both cover and entire system to fixed object: -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional chassis intrusion switch
Disk	Some: Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: Front accessible and removable HDD, 3.5", lockable via physical key Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive							
Optical	Four onboard SATA 6.0Gb/s connectors, one is eSATA connector for optional rear eSATA port							
Onboard SATA	Optional 29-in-1 media reader							
Media reader	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™							
Graphics	Some: NVIDIA® Quadro® K420, DirectX 12, 2GB, one DVI-I, one DisplayPort; Some: NVIDIA GeForce® GT 720, DirectX 12, 2GB, one VGA, one HDMI; Some: NVIDIA Geforce GT 720, DirectX 12, 1GB, two DisplayPort; Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle							
DP cable	Intel Q150 Chipset							
Chipset	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm) Four USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional PS/2 ports (keyboard/mouse), one optional eSATA port additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models							
Front ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm) None							
Rear ports	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)							
Rear audio ports	IEEE 1394							
Audio support	None							
Power supply	250 watts, autosensing, 85% PSU							
Limited warranty ³	Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet							
Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit							

See footnotes for more detailed information

ThinkCentre M800 Mini Tower (10FW) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Storage	Optical	2nd 3.5"	WLAN	Media reader	Graphics	DP dongle	Optional front ports	Optional rear ports	Chassis intrusion switch	Carry handle	Front access HDD	PCI slot	Dust filter	vPro	Key-board/ Mouse	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10FW001TUS	i3-6100	4GBx1	500GB 7200	DVD±RW	2nd 3.5"	Intel 8260 ac	None	Intel HD 530	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Windows 10 Pro64	12/15
10FW001XUS	i3-6100	8GBx1	1TB 7200	DVD±RW	2nd 3.5"	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FW001VUS	i3-6100	4GBx1	128GB SSD	DVD±RW	2nd 3.5"	Intel 8260 ac	None	Intel HD 530	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Windows 10 Pro64	12/15
10FW001NUS	i7-6700	8GBx1	1TB 7200	DVD±RW	2nd 3.5"	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Windows 10 Pro64	12/15
10FW001PUS	i5-6400	8GBx1	500GB 7200	DVD±RW	2nd 3.5"	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Windows 10 Pro64	12/15
10FW001SUS	i5-6400	4GBx1	500GB 7200	DVD±RW	2nd 3.5"	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Windows 10 Pro64	12/15
10FW001YUS	i3-6100	4GBx1	128GB SSD	DVD±RW	2nd 3.5"	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FW001UUS	i3-6100	4GBx1	500GB 7200	DVD±RW	2nd 3.5"	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FW001RUS	i7-6700	8GBx1	1TB 7200	DVD±RW	2nd 3.5"	None	None	GT 720 1GB	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Windows 10 Pro64	12/15
10FW001QUS	i7-6700	8GBx2	1TB 7200	DVD±RW	2nd 3.5"	None	None	GT 720 1GB	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Windows 10 Pro64	12/15
10FW001WUS	i3-6100	4GBx1	500GB 7200	DVD±RW	2nd 3.5"	Intel 8260 ac	None	Intel HD 530	None	None	None	None	Handle	None	None	None	No	USB	3-onsite	No	Win7 P64 DG Win10	12/15

• For detailed platform specifications, please see [ThinkCentre M800 Mini Tower Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor						WLAN ¹³ Bluetooth™ Ethernet Modem	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN® None
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics		
	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510		
	Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530		
	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530		
	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530		
	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530		
	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530		
Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530			
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530			
Memory	64GB max, UDIMM, DDR4 2133, four 288-pin DIMM sockets, dual-channel capable						Manageability Security chip	Intel Standard Manageability Trusted Platform Module, TCG 1.2-compliant
Disk	Some: Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: Front accessible and removable HDD, 3.5", lockable via physical key Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive							
Optical	Four onboard SATA 6.0Gb/s connectors, one is eSATA connector for optional rear eSATA port						Security features	<ul style="list-style-type: none"> • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) • Power-on password
Media reader	Optional 29-in-1 media reader							
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™						Keyboard	Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector) Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black
DP cable	Some: NVIDIA® Quadro® K420, DirectX 12, 2GB, one DVI-I, one DisplayPort; Some: NVIDIA GeForce® GT 720, DirectX 12, 2GB, one VGA, one HDMI; Some: NVIDIA GeForce GT 720, DirectX 12, 1GB, two DisplayPort; Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle							
Chipset	Intel Q150 Chipset						Mouse	Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)							
Rear ports	Four USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional PS/2 ports (keyboard/mouse), one optional eSATA port additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models						Mechanical	<ul style="list-style-type: none"> • Mini Tower (25L), black color, metal case • (WxDxH) 6.89" X 16.26" X 15.98"; 175mm X 413mm X 406mm • 27.56 lb (12.5 kg) • Toolless cover, disk, optical removal • Toolless graphics, PCI adapter retention • Optional dust filter • Bays: 5.25" bay x2 (opt media reader / front access HDD occupy 2nd 5.25" bay), 3.5" bay x2 (2nd 3.5" disk tray is optional) • Slots (full-height): two PCIe 3.0 x16 (one is x4 elec, 75w max), one PCIe 3.0 x1, one opt PCI 2.3 (via M.2 to PCI adaptor)
Rear audio ports IEEE 1394	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm) None							
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)						Power supply	250 watts, autosensing, 85% PSU
Limited warranty ³							Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>	
Preload							Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit	

See footnotes for more detailed information



ThinkCentre M800z with basic monitor stand



ThinkCentre M800z with basic monitor stand



ThinkCentre M800z with basic monitor stand



ThinkCentre M800z with UltraFlex II stand



ThinkCentre M800z with UltraFlex II stand



ThinkCentre M800z with multitouch

ThinkCentre M800z Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo Slim USB Keyboard (USB connector), black <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black <i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																												
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron G3900</td> <td>2 / 2</td> <td>2.8 G</td> <td>2 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4400</td> <td>2 / 2</td> <td>3.3 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4500</td> <td>2 / 2</td> <td>3.5 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6100</td> <td>2 / 4</td> <td>3.7 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6300</td> <td>2 / 4</td> <td>3.8 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6400</td> <td>4 / 4</td> <td>2.7 G / 3.3 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6500</td> <td>4 / 4</td> <td>3.2 G / 3.6 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6600</td> <td>4 / 4</td> <td>3.3 G / 3.9 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i7-6700</td> <td>4 / 8</td> <td>3.4 G / 4.0 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510	Pentium G4400	2 / 2	3.3 G	3 MB	DDR4-2133	HD 510	Pentium G4500	2 / 2	3.5 G	3 MB	DDR4-2133	HD 530	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	Mouse	
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Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530																																																										
		Mechanical	<ul style="list-style-type: none"> Business black color Toolless stand Support VESA mount (100mm) <table border="1"> <thead> <tr> <th></th> <th>Dimensions (WxDxH)</th> <th>Max weight (lb / kg)</th> <th>Adjustments</th> </tr> </thead> <tbody> <tr> <td>Without stand:</td> <td>21.1 X 1.8 X 14.3 (inch); 535 X 45 X 363 (mm)</td> <td>(Touch) 14.6 / 6.6 (Non-touch) 12.8 / 5.8</td> <td>N/A</td> </tr> <tr> <td>With Basic Monitor stand:</td> <td>21.1 X 9.6 X 17.0 (inch); 535 X 245 X 431 (mm)</td> <td>(Non-touch) 17.0 / 7.7</td> <td>Tilt: 45° back, -5° forward</td> </tr> <tr> <td>With UltraFlex II stand:</td> <td>21.1X 10.0 X 19.3 (inch); 535 X 253 X 489 (mm)</td> <td>(Touch) 20.3 / 9.2 (Non-touch) 18.3 / 8.3</td> <td>Tilt: 61° back, -5° forward; Lift: 160mm; Swivel: +/-45°</td> </tr> </tbody> </table>			Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments	Without stand:	21.1 X 1.8 X 14.3 (inch); 535 X 45 X 363 (mm)	(Touch) 14.6 / 6.6 (Non-touch) 12.8 / 5.8	N/A	With Basic Monitor stand:	21.1 X 9.6 X 17.0 (inch); 535 X 245 X 431 (mm)	(Non-touch) 17.0 / 7.7	Tilt: 45° back, -5° forward	With UltraFlex II stand:	21.1X 10.0 X 19.3 (inch); 535 X 253 X 489 (mm)	(Touch) 20.3 / 9.2 (Non-touch) 18.3 / 8.3	Tilt: 61° back, -5° forward; Lift: 160mm; Swivel: +/-45°																																											
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Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable	Power supply	150 watts, autosensing, 85% PSU																																																												
Disk	<i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm <i>Some:</i> Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide	Limited warranty ³	<i>Some:</i> 1-year or 3-year, depot repair service <i>Some:</i> 1-year or 3-year, limited onsite service <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / <i>For Lenovo service upgrade options, please go to S-TC sheet</i>																																																												
Optical	<i>Some:</i> DVD, SATA 1.5Gb/s, 9.5mm high <i>Some:</i> DVD burner, SATA 1.5Gb/s, 9.5mm high	Preload	Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit																																																												
Media reader	Optional 9-in-1 media card reader		Preloaded applications (only some listed) <ul style="list-style-type: none"> Desktop Power Manager Lenovo Solution Center Lenovo REACHit Lenovo SHAREit Lenovo Bluetooth Lock (for models with Wi-Fi/BT card) McAfee® LiveSafe™ (30-day trial) Microsoft Office preloaded; purchase a product key to activate PowerDVD Create (DVD±RW) Lenovo ThinkVantage Tools <ul style="list-style-type: none"> - Only for Window 10 Lenovo Companion Cyberlink PowerDVD (DVD, DVD±RW) Lenovo QuickOptimizer - Only for Window 7 Rescue and Recovery Password Manager ThinkVantage System Update Lenovo Message Center Plus Adobe® Reader® 																																																												
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™; <i>Max resolution:</i> 4096x2304 (DP)@60Hz																																																														
Display	21.5" (546.1mm) Full HD 1080p (1920x1080) TFT color , MVA panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare for both touch models and non-touch models																																																														
Light sensor	None																																																														
Multi-touch	Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch																																																														
Camera	Optional 1.0-megapixel camera, fixed focus, supports 720p, with digital microphone, LED indicator, physical switch on/off																																																														
Controls	Microphone mute, brightness up/down buttons, and power button																																																														
Chipset	Intel H110 Chipset																																																														
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort, optional serial (9-pin),																																																														
Side ports	Two USB 3.0 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)																																																														
M.2 card slot	One M.2 Card slot (for WLAN)																																																														
Audio support	High Definition (HD) Audio, Realtek ALC233 / two internal stereo speakers (2W x 2), Dolby® Audio™ certified	Environment	EPEAT™ Gold rating; ENERGY STAR® 6.1; TCO Certified; ErP Lot 3; GREENGUARD® certified; RoHS-compliant																																																												
WLAN ¹³	<i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2	Accessories	For compatible accessories, please go to TC-AQP sheet																																																												
Bluetooth™	<i>Some:</i> Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter																																																														
Ethernet	Gigabit ethernet, Realtek RTL8111G, Wake on LAN®																																																														
Manageability	None																																																														
Security chip	Trusted Platform Module (TPM 1.2-compliant)																																																														
Security features	<ul style="list-style-type: none"> Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) Smart USB protection, allows keyboard/ mouse only, blocks all storage devices Power-on, admin, hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional Chassis intrusion switch 																																																														

See footnotes for more detailed information

ThinkCentre M800z (10EU) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Multi-Touch	Graphics	DP Dongle	Camera	Storage	Optical	WLAN	Media reader	Serial port	Chassis intrusion switch	Stand type	Key-board/Mouse vPro	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)	
10EU001PUS	i5-6400	4GBx1	21.5" FHD	No	Intel HD 530	None	720p	500GB 7200	DVD±RW	8260 ac	Media	None	None	Basic Monitor	USB	No	3-onsite	No	Windows 10 Pro 64	11/15
10EU001QUS	i7-6700	4GBx1	21.5" FHD	No	Intel HD 530	None	720p	500GB 7200	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	11/15
10EU001RUS	i7-6700	4GBx1	21.5" FHD	No	Intel HD 530	None	720p	500GB 7200	DVD±RW	8260 ac	Media	None	None	Basic Monitor	USB	No	3-onsite	No	Windows 10 Pro 64	11/15
10EU001SUS	i5-6400	4GBx1	21.5" FHD	No	Intel HD 530	None	720p	500GB 7200	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Windows 10 Pro 64	11/15
10EU001TUS	i5-6400	4GBx1	21.5" FHD	No	Intel HD 530	None	720p	500GB 7200	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	11/15
10EU001UUS	i7-6700	4GBx1	21.5" FHD	No	Intel HD 530	None	720p	500GB 7200	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Windows 10 Pro 64	11/15
10EU001VUS	i7-6700	4GBx1	21.5" FHD	No	Intel HD 530	None	720p	500GB 7200	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	11/15
10EU001WUS	i5-6400	8GBx1	21.5" FHD	No	Intel HD 530	None	720p	500GB 7200	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	11/15
10EU002WUS	i7-6700	4GBx1	21.5" FHD	No	Intel HD 530	None	720p	120GB SSD	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	11/15
10EU002YUS	i5-6400	8GBx1	21.5" FHD	No	Intel HD 530	None	720p	256GB SSD	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	11/15
10EU0033US	i5-6400	4GBx1	21.5" FHD	No	Intel HD 530	None	720p	120GB SSD	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	11/15
10EU0036US	i7-6700	8GBx1	21.5" FHD	No	Intel HD 530	None	720p	256GB SSD	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	11/15

• For detailed platform specifications, please see [ThinkCentre M800z Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Audio support	High Definition (HD) Audio, Realtek ALC233 / two internal stereo speakers (2W x 2), Dolby® Audio™ certified																																																											
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron G3900</td> <td>2 / 2</td> <td>2.8 G</td> <td>2 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4400</td> <td>2 / 2</td> <td>3.3 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4500</td> <td>2 / 2</td> <td>3.5 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6100</td> <td>2 / 4</td> <td>3.7 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6300</td> <td>2 / 4</td> <td>3.8 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6400</td> <td>4 / 4</td> <td>2.7 G / 3.3 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6500</td> <td>4 / 4</td> <td>3.2 G / 3.6 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6600</td> <td>4 / 4</td> <td>3.3 G / 3.9 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i7-6700</td> <td>4 / 8</td> <td>3.4 G / 4.0 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510	Pentium G4400	2 / 2	3.3 G	3 MB	DDR4-2133	HD 510	Pentium G4500	2 / 2	3.5 G	3 MB	DDR4-2133	HD 530	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	WLAN ¹³ <i>Some:</i> 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 <i>Some:</i> 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 <i>Some:</i> 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 Bluetooth™ Ethernet <i>Some:</i> 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 <i>Some:</i> Bluetooth 4.0 / 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter Gigabit ethernet, Realtek RTL8111G, Wake on LAN®
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics																																																									
Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510																																																									
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Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530																																																									
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable	Manageability	None																																																											
Disk	<i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm <i>Some:</i> Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide	Security chip	Trusted Platform Module (TPM 1.2-compliant)																																																											
Optical	<i>Some:</i> DVD, SATA 1.5Gb/s, 9.5mm high <i>Some:</i> DVD burner, SATA 1.5Gb/s, 9.5mm high	Security features	<ul style="list-style-type: none"> Security slot (in rear for attachment of Kensington lock also locks chassis) Power-on, admin, hard disk password Optional Kensington® MicroSaver® cable; Boot sequence control Smart USB protection, allows keyboard/mouse only, blocks all storage devices Boot without keyboard and mouse Individual USB port disablement Optional Chassis intrusion switch 																																																											
Media reader	Optional 9-in-1 media card reader	Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo Slim USB Keyboard (USB connector), black <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black																																																											
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™; <i>Max resolution:</i> 4096x2304 (DP)@60Hz	Mouse	<i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																											
Display	21.5" (546.1mm) Full HD 1080p (1920x1080) TFT color , MVA panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare for both touch models and non-touch models	Mechanical	<ul style="list-style-type: none"> Business black color Toolless stand Support VESA mount (100mm) 																																																											
Light sensor	None	Power supply	150 watts, autosensing, 85% PSU																																																											
Multi-touch	Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch	Limited warranty ³	<i>Some:</i> 1-year or 3-year, depot repair service <i>Some:</i> 1-year or 3-year, limited onsite service <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / <i>For Lenovo service upgrade options, please go to S-TC sheet</i>																																																											
Camera	Optional 1.0-megapixel camera, fixed focus, supports 720p, with digital microphone, LED indicator, physical switch on/off	Preload	<i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit																																																											
Controls	Microphone mute, brightness up/down buttons, and power button																																																													
Chipset	Intel H110 Chipset																																																													
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort, optional serial (9-pin),																																																													
Side ports	Two USB 3.0 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)																																																													
M.2 card slot	One M.2 Card slot (for WLAN)																																																													

See footnotes for more detailed information

ThinkCentre M800z (10EU) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Multi-Touch	Graphics	DP Dongle	Camera	Storage	Optical	WLAN	Media reader	Serial port	Chassis intrusion switch	Stand type	Key-board/Mouse vPro	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)	
10EU002XUS	i3-6100	8GBx1	21.5" FHD	No	Intel HD 530	None	720p	256GB SSD	DVD±RW	Intel 8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10EU0030US	G4400	4GBx1	21.5" FHD	No	Intel HD 510	None	720p	500GB 5400	DVD±RW	Intel 8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10EU0031US	i3-6100	8GBx1	21.5" FHD	No	Intel HD 530	None	720p	500GB 5400	DVD±RW	Intel 8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10EU0034US	i3-6100	4GBx1	21.5" FHD	No	Intel HD 530	None	720p	500GB 5400	DVD±RW	Intel 8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10EU0035US	i3-6100	4GBx1	21.5" FHD	No	Intel HD 530	None	720p	120GB SSD	DVD±RW	Intel 8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10EU0037US	i3-6100	4GBx1	21.5" FHD	No	Intel HD 530	None	720p	500GB 5400	DVD±RW	Intel 8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Windows 10 Pro 64	12/15
10EU0032US	G3900	4GBx1	21.5" FHD	No	Intel HD 510	None	720p	500GB 7200	DVD±RW	Intel 8260 ac	Media	None	None	UltraFlex II	USB	None	3-year, onsite	No	Win7 Pro64 DG Win10	04/16

• For detailed platform specifications, please see [ThinkCentre M800z Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Audio support	High Definition (HD) Audio, Realtek ALC233 / two internal stereo speakers (2W x 2), Dolby® Audio™ certified																																																												
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Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics																																																										
Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510																																																										
Pentium G4400	2 / 2	3.3 G	3 MB	DDR4-2133	HD 510																																																										
Pentium G4500	2 / 2	3.5 G	3 MB	DDR4-2133	HD 530																																																										
Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530																																																										
Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530																																																										
Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530																																																										
Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530																																																										
Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530																																																										
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530																																																										
		Bluetooth™ Ethernet	Some: Bluetooth 4.0 / 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter Gigabit ethernet, Realtek RTL8111G, Wake on LAN®																																																												
		Manageability	None																																																												
		Security chip	Trusted Platform Module (TPM 1.2-compliant)																																																												
		Security features	<ul style="list-style-type: none"> Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) Smart USB protection, allows keyboard/mouse only, blocks all storage devices Power-on, admin, hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional Chassis intrusion switch 																																																												
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable	Keyboard	Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo Slim USB Keyboard (USB connector), black																																																												
Disk	Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm Some: Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide	Mouse	Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																												
Optical	Some: DVD, SATA 1.5Gb/s, 9.5mm high Some: DVD burner, SATA 1.5Gb/s, 9.5mm high	Mechanical	<ul style="list-style-type: none"> Business black color Toolless stand Support VESA mount (100mm) 																																																												
Media reader	Optional 9-in-1 media card reader	Power supply	150 watts, autosensing, 85% PSU																																																												
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™; Max resolution: 4096x2304 (DP)@60Hz	Limited warranty ³	Some: 1-year or 3-year, depot repair service Some: 1-year or 3-year, limited onsite service Some: 3-years, limited onsite service, OID (Onsite International Delivery) / For Lenovo service upgrade options, please go to S-TC sheet																																																												
Display	21.5" (546.1mm) Full HD 1080p (1920x1080) TFT color, MVA panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare for both touch models and non-touch models	Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit																																																												
Light sensor	None																																																														
Multi-touch	Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch																																																														
Camera	Optional 1.0-megapixel camera, fixed focus, supports 720p, with digital microphone, LED indicator, physical switch on/off																																																														
Controls	Microphone mute, brightness up/down buttons, and power button																																																														
Chipset	Intel H110 Chipset																																																														
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort, optional serial (9-pin),																																																														
Side ports	Two USB 3.0 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)																																																														
M.2 card slot	One M.2 Card slot (for WLAN)																																																														

See footnotes for more detailed information

ThinkCentre M800z (10ET) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Multi-Touch	Graphics	DP Dongle	Camera	Storage	Optical	WLAN	Media reader	Serial port	Chassis intrusion switch	Stand type	Keyboard/Mouse vPro	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)	
10ET0002US	i5-6500	4GBx1	21.5" FHD	Touch	Intel HD 530	DP to HDMI	720p	500GB 7200	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	11/15
10ET0003US	i7-6700	4GBx1	21.5" FHD	Touch	Intel HD 530	None	720p	500GB 7200	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	11/15
10ET0004US	i5-6500	4GBx1	21.5" FHD	Touch	Intel HD 530	None	720p	500GB 7200	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Windows 10 Pro 64	11/15
10ET0005US	i7-6700	8GBx1	21.5" FHD	Touch	Intel HD 530	None	720p	500GB 7200	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	11/15
10ET0007US	i5-6500	8GBx1	21.5" FHD	Touch	Intel HD 530	DP to HDMI	720p	500GB 7200	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	11/15
10ET0009US	i5-6400	4GBx1	21.5" FHD	Touch	Intel HD 530	None	720p	500GB 7200	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Windows 10 Pro 64	11/15
10ET0004US	i5-6500	4GBx1	21.5" FHD	Touch	Intel HD 530	None	720p	500GB 7200	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	11/15
10ET000CUS	i5-6400	8GBx1	21.5" FHD	Touch	Intel HD 530	None	720p	500GB 7200	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	11/15
10ET001BUS	i7-6700	8GBx1	21.5" FHD	Touch	Intel HD 530	None	720p	256GB SSD	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	11/15
10ET001EUS	i5-6400	8GBx1	21.5" FHD	Touch	Intel HD 530	None	720p	256GB SSD	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	11/15
10ET001HUS	i7-6700	4GBx1	21.5" FHD	Touch	Intel HD 530	None	720p	500GB 7200	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Windows 10 Pro 64	11/15
10ET001JUS	i7-6700	4GBx1	21.5" FHD	Touch	Intel HD 530	None	720p	120GB SSD	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	11/15
10ET001KUS	i5-6400	4GBx1	21.5" FHD	Touch	Intel HD 530	None	720p	120GB SSD	DVD±RW	8260 ac	Media	None	None	UltraFlex II	USB	No	3-onsite	No	Win7 Pro64 DG Win10	11/15

• For detailed platform specifications, please see [ThinkCentre M800z Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Audio support	High Definition (HD) Audio, Realtek ALC233 / two internal stereo speakers (2W x 2), Dolby® Audio™ certified																																																												
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron G3900</td> <td>2 / 2</td> <td>2.8 G</td> <td>2 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4400</td> <td>2 / 2</td> <td>3.3 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4500</td> <td>2 / 2</td> <td>3.5 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6100</td> <td>2 / 4</td> <td>3.7 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6300</td> <td>2 / 4</td> <td>3.8 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6400</td> <td>4 / 4</td> <td>2.7 G / 3.3 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6500</td> <td>4 / 4</td> <td>3.2 G / 3.6 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6600</td> <td>4 / 4</td> <td>3.3 G / 3.9 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i7-6700</td> <td>4 / 8</td> <td>3.4 G / 4.0 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510	Pentium G4400	2 / 2	3.3 G	3 MB	DDR4-2133	HD 510	Pentium G4500	2 / 2	3.5 G	3 MB	DDR4-2133	HD 530	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	WLAN ¹³	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics																																																										
Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510																																																										
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Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530																																																										
		Bluetooth™ Ethernet	Some: Bluetooth 4.0 / 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter Some: Gigabit ethernet, Realtek RTL8111G, Wake on LAN®																																																												
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable	Manageability	None																																																												
Disk	Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm Some: Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide	Security chip	Trusted Platform Module (TPM 1.2-compliant)																																																												
Optical	Some: DVD, SATA 1.5Gb/s, 9.5mm high Some: DVD burner, SATA 1.5Gb/s, 9.5mm high	Security features	<ul style="list-style-type: none"> Security slot (in rear for attachment of Kensington lock also locks chassis) Power-on, admin, hard disk password Optional Kensington® MicroSaver® cable; Boot sequence control Smart USB protection, allows keyboard/mouse only, blocks all storage devices Boot without keyboard and mouse Individual USB port disablement Optional Chassis intrusion switch 																																																												
Media reader	Optional 9-in-1 media card reader	Keyboard	Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo Slim USB Keyboard (USB connector), black																																																												
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™; Max resolution: 4096x2304 (DP)@60Hz	Mouse	Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																												
Display	21.5" (546.1mm) Full HD 1080p (1920x1080) TFT color, MVA panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare for both touch models and non-touch models	Mechanical	<ul style="list-style-type: none"> Business black color Toolless stand Support VESA mount (100mm) 																																																												
Light sensor	None	Power supply	150 watts, autosensing, 85% PSU																																																												
Multi-touch	Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch	Limited warranty ³	Some: 1-year or 3-year, depot repair service Some: 1-year or 3-year, limited onsite service Some: 3-years, limited onsite service, OID (Onsite International Delivery) / For Lenovo service upgrade options, please go to S-TC sheet																																																												
Camera	Optional 1.0-megapixel camera, fixed focus, supports 720p, with digital microphone, LED indicator, physical switch on/off	Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit																																																												
Controls	Microphone mute, brightness up/down buttons, and power button																																																														
Chipset	Intel H110 Chipset																																																														
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort, optional serial (9-pin),																																																														
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M.2 card slot	One M.2 Card slot (for WLAN)																																																														

See footnotes for more detailed information

ThinkCentre M800z (10ET) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Multi-Touch	Graphics	DP Dongle	Camera	Storage	Optical	WLAN	Media reader	Serial port	Chassis intrusion switch	Stand type	Keyboard/Mouse vPro	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10ET001AUS	G4400	4GBx1	21.5" FHD	Touch	Intel HD 510	None	720p	500GB 5400	DVD±RW	Intel 8260 ac	Media	None	None	UltraFlex II	USB No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10ET001CUS	i3-6100	4GBx1	21.5" FHD	Touch	Intel HD 530	None	720p	120GB SSD	DVD±RW	Intel 8260 ac	Media	None	None	UltraFlex II	USB No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10ET001DUS	i3-6100	8GBx1	21.5" FHD	Touch	Intel HD 530	None	720p	500GB 5400	DVD±RW	Intel 8260 ac	Media	None	None	UltraFlex II	USB No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10ET001FUS	i3-6100	4GBx1	21.5" FHD	Touch	Intel HD 530	None	720p	500GB 5400	DVD±RW	Intel 8260 ac	Media	None	None	UltraFlex II	USB No	3-onsite	No	Windows 10 Pro 64	12/15
10ET001GUS	G3900	4GBx1	21.5" FHD	Touch	Intel HD 510	None	720p	500GB 5400	DVD±RW	Intel 8260 ac	Media	None	None	UltraFlex II	USB No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10ET001LUS	i3-6100	8GBx1	21.5" FHD	Touch	Intel HD 530	None	720p	256GB SSD	DVD±RW	Intel 8260 ac	Media	None	None	UltraFlex II	USB No	3-onsite	No	Win7 Pro64 DG Win10	12/15
10ET001MUS	i3-6100	4GBx1	21.5" FHD	Touch	Intel HD 530	None	720p	500GB 5400	DVD±RW	Intel 8260 ac	Media	None	None	UltraFlex II	USB No	3-onsite	No	Win7 Pro64 DG Win10	12/15

• For detailed platform specifications, please see [ThinkCentre M800z Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Audio support	High Definition (HD) Audio, Realtek ALC233 / two internal stereo speakers (2W x 2), Dolby® Audio™ certified																																																												
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		Bluetooth™ Ethernet	Some: Bluetooth 4.0 / 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter Some: Gigabit ethernet, Realtek RTL8111G, Wake on LAN®																																																												
		Manageability	None																																																												
		Security chip	Trusted Platform Module (TPM 1.2-compliant)																																																												
		Security features	<ul style="list-style-type: none"> Security slot (in rear for attachment of Kensington® MicroSaver® cable; Kensington lock also locks chassis) Smart USB protection, allows keyboard/mouse only, blocks all storage devices Power-on, admin, hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional Chassis intrusion switch 																																																												
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable	Keyboard	Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo Slim USB Keyboard (USB connector), black																																																												
Disk	Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm Some: Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide	Mouse	Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																												
Optical	Some: DVD, SATA 1.5Gb/s, 9.5mm high Some: DVD burner, SATA 1.5Gb/s, 9.5mm high	Mechanical	<ul style="list-style-type: none"> Business black color Toolless stand Support VESA mount (100mm) 																																																												
Media reader	Optional 9-in-1 media card reader	Power supply	150 watts, autosensing, 85% PSU																																																												
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™; Max resolution: 4096x2304 (DP)@60Hz	Limited warranty ³	Some: 1-year or 3-year, depot repair service Some: 1-year or 3-year, limited onsite service Some: 3-years, limited onsite service, OID (Onsite International Delivery) / For Lenovo service upgrade options, please go to S-TC sheet																																																												
Display	21.5" (546.1mm) Full HD 1080p (1920x1080) TFT color, MVA panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare for both touch models and non-touch models	Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit																																																												
Light sensor	None																																																														
Multi-touch	Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch																																																														
Camera	Optional 1.0-megapixel camera, fixed focus, supports 720p, with digital microphone, LED indicator, physical switch on/off																																																														
Controls	Microphone mute, brightness up/down buttons, and power button																																																														
Chipset	Intel H110 Chipset																																																														
Rear ports	Four USB 2.0, ethernet (RJ-45), DisplayPort, optional serial (9-pin),																																																														
Side ports	Two USB 3.0 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)																																																														
M.2 card slot	One M.2 Card slot (for WLAN)																																																														

See footnotes for more detailed information



Lenovo ThinkCentre M93/M93p Tiny with Lenovo ThinkVision Monitor



Lenovo ThinkCentre M93/M93p Tiny with optional WLAN



Lenovo ThinkCentre M93/M93p Tiny with optional external I/O box



Lenovo ThinkCentre M93/M93p Tiny with optional external optical box



Lenovo ThinkCentre M93/M93p Tiny (inside view)



Lenovo ThinkCentre M93/M93p Tiny

ThinkCentre M93/M93p Tiny, Small Pro, Mini Tower - II



Lenovo ThinkCentre M93/M93p Mini Tower with Lenovo ThinkVision Monitor



Lenovo ThinkCentre M93/M93p Mini Tower with optional WLAN and graphic card



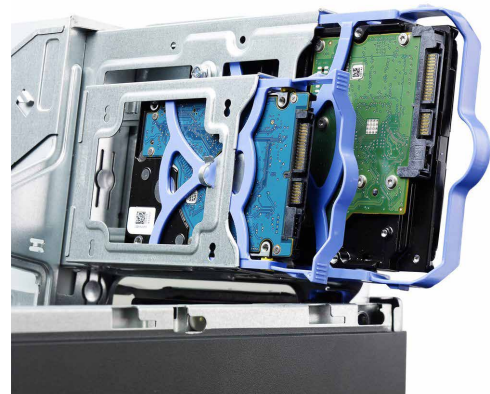
Lenovo ThinkCentre M93/M93p Small Pro with Lenovo ThinkVision Monitor



Lenovo ThinkCentre M93/M93p Small Pro with optional dual graphic cards
* Cable lock only available on some special bid models



Lenovo ThinkCentre M93/M93p Small Pro (inside view)



Optional 2.5" bay on
Lenovo ThinkCentre M93/M93p Small Pro
* Come with optional 2.5" 2nd HDD

ThinkCentre M93p Tiny (10AB) - TopSeller I

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Keyboard / mouse	Intel vPro	Preload	Ann date (mm/dd/yy)
10AB000DUS	i5-4570T	4GBx1	500G Hybrid	None	HD 4600	Intel 105	2nd DP	None	None	None	USB	vPro*	Win7 Pro64 (DG)	07/02/13
10AB000EUS	i5-4570T	4GBx1	500G Hybrid	DVD±RW	HD 4600	Intel 105	2nd DP	None	None	Mount	USB	vPro	Win7 Pro64 (DG)	07/02/13
10AB000FUS	i7-4765T	8GBx1	500G Hybrid	DVD±RW	HD 4600	Intel 105	HDMI	None	None	Mount	USB	vPro	Win7 Pro64 (DG)	07/02/13
10AB000GUS	i7-4765T	4GBx2	180G SSD	DVD±RW	HD 4600	Intel 6235	HDMI	None	None	Mount	USB	vPro	Win7 Pro64 (DG)	07/02/13
10AB000HUS	i7-4765T	4GBx1	500G Hybrid	DVD±RW	HD 4600	Intel 105	HDMI	None	None	Mount	USB	vPro	Win7 Pro64 (DG)	07/02/13
10AB000JUS	i5-4570T	4GBx2	180G SSD	DVD±RW	HD 4600	Intel 6235	HDMI	None	None	Mount	USB	vPro	Win7 Pro64 (DG)	07/02/13
10AB000KUS	i5-4570T	4GBx1	500G Hybrid	DVD±RW	HD 4600	Intel 105	HDMI	None	None	Mount	USB	vPro	Win7 Pro64 (DG)	07/02/13
10AB000QUS	i7-4765T	4GBx1	500G Hybrid	DVD±RW	HD 4600	Intel 2230	HDMI	None	None	Mount	USB	vPro	Win7 Pro64 (DG)	07/02/13
10AB000RUS	i5-4570T	4GBx1	500G Hybrid	DVD±RW	HD 4600	Intel 2230	HDMI	None	None	Mount	USB	vPro	Win7 Pro64 (DG)	07/02/13

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- Small and medium business (SMB) model(s), part of the US TopSeller™ Program

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>										Preloaded operating system			
Processor	Intel® Core™ i5-4570T Processor (2 cores / 4 threads, 2.9GHz, 4MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i7-4765T Processor (4 cores / 8 threads, 2.0GHz, 8MB cache), Turbo Boost 2.0 (3.0GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1150 socket										Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Ready to install applications (only some listed)			
Implementation	Processor in LGA1150 socket										<ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager 			
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)										Preloaded applications (only some listed)			
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional HDMI or one optional 2nd DisplayPort on select models, supports up to triple independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1080 (HDMI)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>										<ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● Desktop Power Manager ● View Management Utility ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink PowerDVD (DVD±RW, DVD) ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Evernote ● Intel AppUp ● Intel Small Business Advantage ● Nitro Pro ● Intel Unite (vPro models only) 			
DP dongle	None													
Disk	<i>Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</i> <i>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</i>													
External optical	<i>Some: external optical box with slim DVD burner, 12.7mm high, tray-in, via USB 3.0</i>													
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset													
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar													
eSATA port	None													
Chipset	Intel Q87 Express Chipset													
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)													
Rear ports	Three USB 3.0 (optional external optical box or external I/O box occupies one specific USB 3.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / 2nd DisplayPort / HDMI on selected models)													
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 3.0 port													
PCIe Mini Card	One PCI Express® Mini Card slot (Half Size)													
PCIe WLAN	<i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1</i> <i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2</i> <i>Some: 11a/b/g/n wireless, PCIe Half Mini Card, Intel Centrino Advanced-N 6235, Wi-Fi + Bluetooth combo adapter, Intel vPro technology support, 2x2</i>													
Bluetooth	<i>Some: Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter</i>										Security			
Audio	High Definition (HD) Audio, Realtek® ALC283 codec										<ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement ● Chassis intrusion switch on selected model(s) 			
Speaker	Internal speaker for business audio (1.5 watt)													
IEEE 1394	None													
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®													
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)													
Modem	None													
Security chip	Trusted Platform Module (TPM1.2-compliant)													
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo													
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Floor Stand	Optional system floor stand for vertical orientation													
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard													
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU										EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant			
Machine	<ul style="list-style-type: none"> ● Tiny (1L), business black color; metal case ● M93/p Tiny only: 7.0" W X 7.2" D X 1.4" H ● M93/p Tiny only: 179mm W X 182mm D X 34.5mm H ● M93/p Tiny only: 2.9 lb (1.3 kg), weight may vary by configuration ● With VESA mount & optical box: 7.2" W X 7.2" D X 2.55" H ● With VESA mount & optical box: 184mm W X 182mm D X 65mm H ● With VESA mount & optical box: 5.1 lb (2.3 kg), weight may vary by configuration 										Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available													

See footnotes for important warranty information
US model(s) announced July 2, 2013

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ThinkCentre M93p Tiny (10AB) - TopSeller II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Keyboard / mouse	Intel vPro	Preload	Ann date (mm/dd/yy)
10AB000SUS	i7-4765T	4GBx1	500G Hybrid	I/O box	HD 4600	Intel 105	HDMI	None	None	Mount	USB	vPro*	Win7 Pro64 (DG)	07/02/13
10AB000TUS	i5-4570T	4GBx1	500G Hybrid	I/O box	HD 4600	Intel 105	HDMI	None	None	Mount	USB	vPro	Win7 Pro64 (DG)	07/02/13
10AB000UUS	i5-4570T	4GBx1	500G Hybrid	I/O box	HD 4600	None	None	None	None	Mount	USB	vPro	Win7 Pro64 (DG)	07/02/13
10AB0010US	i5-4570T	4GBx1	500G 7200	None	HD 4600	Intel 105	2nd DP	None	Stand	None	USB	vPro	Win7 Pro64 (DG)	07/02/13
10AB0011US	i7-4765T	8GBx1	128G SSD	DVD±RW	HD 4600	Intel 6235	HDMI	None	None	Mount	USB	vPro	Win7 Pro64 (DG)	07/02/13
10AB0012US	i7-4765T	4GBx1	128G SSD	DVD±RW	HD 4600	Intel 2230	HDMI	None	None	Mount	USB	vPro	Win7 Pro64 (DG)	07/02/13
10AB0013US	i5-4570T	4GBx1	500G 7200	DVD±RW	HD 4600	Intel 105	2nd DP	None	None	Mount	USB	vPro	Win7 Pro64 (DG)	07/02/13
10AB0014US	i5-4570T	4GBx1	500G 7200	I/O box	HD 4600	Intel 105	2nd DP	None	None	Mount	USB	vPro	Win7 Pro64 (DG)	07/02/13
10AB0015US	i5-4570T	4GBx1	500G 7200	DVD±RW	HD 4600	Intel 2230	2nd DP	None	None	Mount	USB	vPro	Win7 Pro64 (DG)	07/02/13
10AB0016US	i5-4570T	4GBx1	500G 7200	None	HD 4600	Intel 105	Serial	None	Stand	None	USB	vPro	Win7 Pro64 (DG)	07/02/13
10AB002AUS	i5-4570T	4GBx1	128G SSD	None	HD 4600	Intel 2230	2nd DP	None	Stand	None	USB	vPro	Win7 Pro64 (DG)	12/10/13

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system
Processor	Intel® Core™ i5-4570T Processor (2 cores / 4 threads, 2.9GHz, 4MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i7-4765T Processor (4 cores / 8 threads, 2.0GHz, 8MB cache), Turbo Boost 2.0 (3.0GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Ready to install applications (only some listed)
Implementation	Processor in LGA1150 socket											<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											Preloaded applications (only some listed)
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional HDMI or one optional 2nd DisplayPort on select models, supports up to triple independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD];</i> 1920x1080 (HDMI)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)											<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro Intel Unite (vPro models only)
DP dongle	None											
Disk	<i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide											
External optical	<i>Some:</i> external optical box with slim DVD burner, 12.7mm high, tray-in, via USB 3.0											
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset											
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar											
eSATA port	None											
Chipset	Intel Q87 Express Chipset											
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)											
Rear ports	Three USB 3.0 (optional external optical box or external I/O box occupies one specific USB 3.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / 2nd DisplayPort / HDMI on selected models)											
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 3.0 port											
PCIe Mini Card	One PCI Express® Mini Card slot (Half Size)											
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11a/b/g/n wireless, PCIe Half Mini Card, Intel Centrino Advanced-N 6235, Wi-Fi + Bluetooth combo adapter, Intel vPro technology support, 2x2											
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											
Audio	High Definition (HD) Audio, Realtek® ALC283 codec											
Speaker	Internal speaker for business audio (1.5 watt)											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®											
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)											
Modem	None											
Security chip	Trusted Platform Module (TPM1.2-compliant)											
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	Optional system floor stand for vertical orientation											
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard											
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU											
Machine	<ul style="list-style-type: none"> Tiny (1L), business black color; metal case <i>M93/p Tiny only:</i> 7.0" W X 7.2" D X 1.4" H <i>M93/p Tiny only:</i> 179mm W X 182mm D X 34.5mm H <i>M93/p Tiny only:</i> 2.9 lb (1.3 kg), weight may vary by configuration <i>With VESA mount & optical box:</i> 7.2" W X 7.2" D X 2.55" H <i>With VESA mount & optical box:</i> 184mm W X 182mm D X 65mm H <i>With VESA mount & optical box:</i> 5.1 lb (2.3 kg), weight may vary by configuration 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
 US model(s) announced July 2, 2013 or December 10, 2013

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ThinkCentre M93p Tiny (10AB) - TopSeller III

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe WLAN	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Keyboard / mouse	Intel vPro	Preload	Ann date (mm/dd/yy)
10AB002TUS	i7-4765T	4GBx1	500G 7200	None	HD 4600	7260 ac	HDMI	None	Stand	None	USB	vPro*	Win7 P64 DG Win8.1	01/14/14
10AB002VUS	i5-4570T	4GBx1	500G 7200	None	HD 4600	7260 bn	2nd DP	None	Stand	None	USB	vPro	Win7 P64 DG Win8.1	01/14/14
10AB002WUS	i7-4765T	8GBx1	128G SSD	None	HD 4600	7260 ac	2nd DP	None	Stand	None	USB	vPro	Win7 P64 DG Win8.1	01/14/14
10AB002UUS	i5-4570T	4GBx1	500G 7200	None	HD 4600	7260 ac	HDMI	None	Stand	None	USB	vPro	Win7 P64 DG Win8.1	01/14/14
10AB002XUS	i5-4570T	4GBx1	500G Hybrid	DVD±RW	HD 4600	7260 bn	2nd DP	None	None	Mount	USB	vPro	Win7 P64 DG Win8.1	02/25/14
10AB002YUS	i7-4765T	4GBx1	500G Hybrid	DVD±RW	HD 4600	7260 bn	2nd DP	None	None	Mount	USB	vPro	Win7 P64 DG Win8.1	02/25/14
10AB0030US	i7-4765T	8GBx1	128G SSD	DVD±RW	HD 4600	7260 ac	2nd DP	None	None	Mount	USB	vPro	Win7 P64 DG Win8.1	02/25/14
10AB003JUS	i7-4765T	8GBx1	256G SSD OPAL	None	HD 4600	7260 ac	2nd DP	None	Stand	None	USB	vPro	Win7 P64 DG Win8.1	06/17/14
10AB003KUS	i5-4570T	4GBx1	256G SSD OPAL	None	HD 4600	7260 ac	2nd DP	None	Stand	None	USB	vPro	Win7 P64 DG Win8.1	06/17/14

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>	Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit
Processor	Intel® Core™ i5-4570T Processor (2 cores / 4 threads, 2.9GHz, 4MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4765T Processor (4 cores / 8 threads, 2.0GHz, 8MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller	
Implementation	Processor in LGA1150 socket	Ready to install applications (only some listed) <ul style="list-style-type: none">● Rescue and Recovery™● Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none">● ThinkVantage® Product Recovery● ThinkVantage System Update● ThinkVantage Communication Utility● Desktop Power Manager● View Management Utility● Lenovo Cloud Storage by SugarSync● Lenovo Solution Center● Lenovo Message Center Plus● Norton™ Internet Security (30 days of virus definitions)● Adobe® Reader®● Skype™● Microsoft Office preloaded; purchase a product key to activate● Cyberlink PowerDVD (DVD±RW, DVD)● Cyberlink Power2Go (DVD±RW)● Cyberlink PowerProducer (DVD±RW)● Evernote● Intel AppUp● Intel Small Business Advantage● Nitro Pro● Intel Unite (vPro models only)
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)	
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional HDMI or one optional 2nd DisplayPort on select models, supports up to triple independent display; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1080 (HDMI)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)	
DP dongle	None	
Disk	<i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide	
External optical SATA controller	<i>Some:</i> external optical box with slim DVD burner, 12.7mm high, tray-in, via USB 3.0 Serial ATA, SATA 6.0Gb/s support, integrated in chipset	
Onboard SATA eSATA port	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar	
Chipset	Intel Q87 Express Chipset	
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	
Rear ports	Three USB 3.0 (optional external optical box or external I/O box occupies one specific USB 3.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / 2nd DisplayPort / HDMI on selected models)	
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 3.0 port	
PCIe Mini Card	One PCI Express® Mini Card slot (Half Size)	
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11ac/a/b/g/n wireless, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo adapter, Intel vPro technology support, 2x2	
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter	
Audio	High Definition (HD) Audio, Realtek® ALC283 codec	
Speaker	Internal speaker for business audio (1.5 watt)	
IEEE 1394	None	
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®	
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)	
Modem	None	
Security chip	Trusted Platform Module (TPM1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Floor Stand	Optional system floor stand for vertical orientation	
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard	
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU	
Machine	<ul style="list-style-type: none">● Tiny (1L), business black color; metal case● <i>M93/p Tiny only:</i> 7.0" W X 7.2" D X 1.4" H● <i>M93/p Tiny only:</i> 179mm W X 182mm D X 34.5mm H● <i>M93/p Tiny only:</i> 2.9 lb (1.3 kg), weight may vary by configuration● <i>With VESA mount & optical box:</i> 7.2" W X 7.2" D X 2.55" H● <i>With VESA mount & optical box:</i> 184mm W X 182mm D X 65mm H● <i>With VESA mount & optical box:</i> 5.1 lb (2.3 kg), weight may vary by configuration	
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	

See footnotes for important warranty information

US model(s) announced January 14 or February 25, 2014

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(MSS1N-8) February 2014

ThinkCentre M93p Tiny (10AB) - TopSeller IV

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	SATA disk GB rpm	External optical I/O box	Graphics	PCIe WLAN	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Keyboard / mouse	Intel vPro	Preload	Ann date (mm/dd/yy)
10AB004AUS	i5-4590T	4GBx1	500G 7200	None	HD 4600	7260 b/g/n	None	None	Stand	None	USB	vPro*	Win7 P64 DG	Win8.1 10/28/14
10AB004CUS	i5-4590T	4GBx1	500G 7200	None	HD 4600	7260 ac	2nd DP	None	Stand	None	USB	vPro	Win7 P64 DG	Win8.1 10/28/14
10AB004MUS	i7-4785T	4GBx1	180G SSD	None	HD 4600	7260 b/g/n	USB	None	Stand	None	USB	vPro	Win7 P64 DG	Win8.1 10/28/14
10AB004EUS	i5-4590T	4GBx1	180G SSD	None	HD 4600	7260 b/g/n	Serial	None	Stand	None	USB	vPro	Win7 P64 DG	Win8.1 10/28/14
10AB004DUS	i5-4590T	8GBx1	256G SSD	None	HD 4600	7260 ac	2nd DP	None	Stand	None	USB	vPro	Win7 P64 DG	Win8.1 10/28/14
10AB004QUS	i7-4785T	4GBx1	180G SSD	None	HD 4600	7260 b/g/n	2nd DP	None	Stand	None	USB	vPro	Win7 P64 DG	Win8.1 10/28/14
10AB004NUS	i7-4785T	8GBx1	256G SSD	None	HD 4600	7260 b/g/n	2nd DP	None	Stand	None	USB	vPro	Win7 P64 DG	Win8.1 10/28/14
10AB004KUS	i5-4590T	4GBx1	500G 7200	None	HD 4600	7260 b/g/n	USB	None	Stand	None	USB	vPro	Win7 P64 DG	Win8.1 10/28/14
10AB004FUS	i5-4590T	4GBx1	180G SSD	None	HD 4600	7260 b/g/n	Serial	None	None	Mount	USB	vPro	Win7 P64 DG	Win8.1 10/28/14
10AB004LUS	i7-4785T	4GBx1	500G 7200	None	HD 4600	7260 b/g/n	USB	None	Stand	None	USB	vPro	Win7 P64 DG	Win8.1 10/28/14

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

● Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system	
Processor	Intel® Core i5-4590T Processor (4 cores / 4 threads, 2.0GHz, 6MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4785T Processor (4 cores / 8 threads, 2.2GHz, 8MB cache), Turbo Boost 2.0 (3.2GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit	
Implementation	Processor in LGA1150 socket												
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)												
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional HDMI or one optional 2nd DisplayPort on select models, supports up to triple independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1080 (HDMI)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>											Ready to install applications (only some listed) <ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager 	
DP dongle	None											Preloaded applications (only some listed) <ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● Desktop Power Manager ● View Management Utility ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink PowerDVD (DVD±RW, DVD) ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Evernote ● Intel AppUp ● Intel Small Business Advantage ● Nitro Pro ● Intel Unite (vPro models only) 	
Disk	Some: SATA 6.0Gb/s, 2.5" Wide, 7200 rpm Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide												
External optical	Some: external optical box with slim DVD burner, 12.7mm high, tray-in, via USB 3.0												
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset												
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar												
eSATA port	None												
Chipset	Intel Q87 Express Chipset												
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)												
Rear ports	Three USB 3.0 (optional external optical box or external I/O box occupies one specific USB 3.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / 2nd DisplayPort / HDMI on selected models)												
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 3.0 port												
PCIe Mini Card	One PCI Express® Mini Card slot (Half Size)												
PCIe WLAN	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2 Some: 11ac/a/b/g/n wireless, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo adapter, Intel vPro technology support, 2x2												
Bluetooth	Some: Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter												
Audio	High Definition (HD) Audio, Realtek® ALC283 codec												
Speaker	Internal speaker for business audio (1.5 watt)												
IEEE 1394	None												
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®												
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)												
Modem	None												
Security chip	Trusted Platform Module (TPM1.2-compliant)											Security <ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement ● Chassis intrusion switch on selected model(s) 	
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo												
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo												
Floor Stand	Optional system floor stand for vertical orientation												
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard												
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU												
Machine	<ul style="list-style-type: none"> ● Tiny (1L), business black color; metal case ● M93/p Tiny only: 7.0" W X 7.2" D X 1.4" H ● M93/p Tiny only: 179mm W X 182mm D X 34.5mm H ● M93/p Tiny only: 2.9 lb (1.3 kg), weight may vary by configuration ● With VESA mount & optical box: 7.2" W X 7.2" D X 2.55" H ● With VESA mount & optical box: 184mm W X 182mm D X 65mm H ● With VESA mount & optical box: 5.1 lb (2.3 kg), weight may vary by configuration 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant	
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet	

See footnotes for important warranty information

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ThinkCentre M93p Tiny (10AB) - TopSeller V

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe WLAN	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Keyboard / mouse	Intel vPro	Preload	Ann date (mm/dd/yy)
10AB004TUS	i7-4785T	4GBx1	256G SSD	None	HD 4600	7260 b/g/n	2nd DP	None	None	Mount	USB	vPro*	Win7 P64 DG Win8.1	10/28/14
10AB004RUS	i7-4785T	4GBx1	180G SSD	None	HD 4600	7260 b/g/n	HDMI	None	Stand	None	USB	vPro	Win7 P64 DG Win8.1	10/28/14
10AB004SUS	i7-4785T	4GBx1	256G SSD	None	HD 4600	7260 b/g/n	HDMI	None	None	Mount	USB	vPro	Win7 P64 DG Win8.1	10/28/14
10AB004HUS	i5-4590T	4GBx1	500G 7200	None	HD 4600	7260 b/g/n	Serial	None	Stand	None	USB	vPro	Win7 P64 DG Win8.1	10/28/14
10AB004PUS	i7-4785T	4GBx1	180G SSD	None	HD 4600	7260 b/g/n	Serial	None	Stand	None	USB	vPro	Win7 P64 DG Win8.1	10/28/14
10AB004UUS	i7-4785T	8GBx1	180G SSD	None	HD 4600	7260 b/g/n	USB	None	None	Mount	USB	vPro	Win7 P64 DG Win8.1	10/28/14
10AB004JUS	i5-4590T	4GBx1	500G 7200	None	HD 4600	7260 b/g/n	HDMI	None	Stand	None	USB	vPro	Win7 P64 DG Win8.1	10/28/14
10AB004BUS	i5-4590T	4GBx1	500G 7200	None	HD 4600	7260 b/g/n	2nd DP	None	Stand	None	USB	vPro	Win7 P64 DG Win8.1	10/28/14
10AB004GUS	i5-4590T	4GBx1	500G 7200	None	HD 4600	7260 b/g/n	Serial	None	None	Mount	USB	vPro	Win7 P64 DG Win8.1	10/28/14

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system
Processor	Intel® Core i5-4590T Processor (4 cores / 4 threads, 2.0GHz, 6MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4785T Processor (4 cores / 8 threads, 2.2GHz, 8MB cache), Turbo Boost 2.0 (3.2GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller											<i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional HDMI or one optional 2nd DisplayPort on select models, supports up to triple independent display; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1080 (HDMI)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)											<ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager Preloaded applications (only some listed)
DP dongle	None											
Disk	<i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide											<ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● Desktop Power Manager ● View Management Utility ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink PowerDVD (DVD±RW, DVD) ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Evernote ● Intel AppUp ● Intel Small Business Advantage ● Nitro Pro ● Intel Unite (vPro models only)
External optical SATA controller	<i>Some:</i> external optical box with slim DVD burner, 12.7mm high, tray-in, via USB 3.0 Serial ATA, SATA 6.0Gb/s support, integrated in chipset											
Onboard SATA eSATA port	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar											
Chipset	Intel Q87 Express Chipset											
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)											
Rear ports	Three USB 3.0 (optional external optical box or external I/O box occupies one specific USB 3.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / 2nd DisplayPort / HDMI on selected models)											
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 3.0 port											
PCIe Mini Card	One PCI Express® Mini Card slot (Half Size)											
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11ac/a/b/g/n wireless, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo adapter, Intel vPro technology support, 2x2											
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											
Audio	High Definition (HD) Audio, Realtek® ALC283 codec											Security
Speaker	Internal speaker for business audio (1.5 watt)											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®											
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)											
Modem	None											
Security chip	Trusted Platform Module (TPM1.2-compliant)											
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	Optional system floor stand for vertical orientation											
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard											
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU											
Machine	<ul style="list-style-type: none"> ● Tiny (1L), business black color; metal case ● <i>M93/p Tiny only:</i> 7.0" W X 7.2" D X 1.4" H ● <i>M93/p Tiny only:</i> 179mm W X 182mm D X 34.5mm H ● <i>M93/p Tiny only:</i> 2.9 lb (1.3 kg), weight may vary by configuration ● <i>With VESA mount & optical box:</i> 7.2" W X 7.2" D X 2.55" H ● <i>With VESA mount & optical box:</i> 184mm W X 182mm D X 65mm H ● <i>With VESA mount & optical box:</i> 5.1 lb (2.3 kg), weight may vary by configuration 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information

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ThinkCentre M93p Tiny (10AB) - TopSeller VI

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	SATA disk GB rpm	External optical / I/O box	Graphics	PCle WLAN	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Keyboard / mouse	Intel vPro	Preload	Ann date (mm/dd/yy)
10AB004XUS	i5-4570T	4+2GB	500G 7200	None	HD 4600	Intel 105	2nd DP	None	Stand	None	USB	vPro*	Win7 P64 DG Win8	05/05/15
10AB004YUS	i5-4570T	4GBx1	120G SSD	DVD±RW	HD 4600	Intel 105	HDMI	None	None	Mount	USB	vPro	Win7 P64 DG Win8	05/05/15
10AB0050US	i7-4765T	8GBx1	192G SSD	DVD±RW	HD 4600	7260 ac	2nd DP	None	None	Mount	USB	vPro	Win7 P64 DG Win8.1	05/05/15
10AB0056US	i5-4590T	4GBx1	120G SSD	DVD±RW	HD 4600	7260 b/g/n	HDMI	None	None	Mount	USB	vPro	Win7 P64 DG Win8.1	10/20/15

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system
Processor	Intel® Core™ i5-4570T Processor (2 cores / 4 threads, 2.9GHz, 4MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4590T Processor (4 cores / 4 threads, 2.0GHz, 6MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4765T Processor (4 cores / 8 threads, 2.0GHz, 8MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4785T Processor (4 cores / 8 threads, 2.2GHz, 8MB cache), Turbo Boost 2.0 (3.2GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller											<i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional HDMI or one optional 2nd DisplayPort on select models, supports up to triple independent display; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1080 (HDMI)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)											Preloaded applications (only some listed)
DP dongle	None											<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro Intel Unite (vPro models only)
Disk	<i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide											
External optical	<i>Some:</i> external optical box with slim DVD burner, 12.7mm high, tray-in, via USB 3.0											
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset											
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar											
eSATA port	None											
Chipset	Intel Q87 Express Chipset											
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)											
Rear ports	Three USB 3.0 (optional external optical box or external I/O box occupies one specific USB 3.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / 2nd DisplayPort / HDMI on selected models)											
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 3.0 port											
PCle Mini Card	One PCI Express® Mini Card slot (Half Size)											
PCle WLAN	<i>Some:</i> 11b/g/n wireless, PCle Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 <i>Some:</i> 11b/g/n wireless, PCle Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11ac/a/b/g/n wireless, PCle Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo adapter, Intel vPro technology support, 2x2											
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											Security
Audio	High Definition (HD) Audio, Realtek® ALC283 codec											<ul style="list-style-type: none"> Security chip (see information on left) Security slot (in rear for attachment of optional Kensington® MicroSaver® cable)
Speaker	Internal speaker for business audio (1.5 watt)											<ul style="list-style-type: none"> Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Chassis intrusion switch on selected model(s)
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®											
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)											
Modem	None											
Security chip	Trusted Platform Module (TPM1.2-compliant)											
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	Optional system floor stand for vertical orientation											
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard											
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU											
Machine	<ul style="list-style-type: none"> Tiny (1L), business black color; metal case <i>M93/p Tiny only:</i> 7.0" W X 7.2" D X 1.4" H <i>M93/p Tiny only:</i> 179mm W X 182mm D X 34.5mm H <i>M93/p Tiny only:</i> 2.9 lb (1.3 kg), weight may vary by configuration <i>With VESA mount & optical box:</i> 7.2" W X 7.2" D X 2.55" H <i>With VESA mount & optical box:</i> 184mm W X 182mm D X 65mm H <i>With VESA mount & optical box:</i> 5.1 lb (2.3 kg), weight may vary by configuration 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information

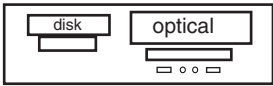
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ThinkCentre M93p SFF Pro (10A9) - TopSeller - I

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Pro-processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCIe WLAN	Graphics	Additional Front USB 2.0	2nd serial port	Parallel port	Chassis intrusion switch	Floor stand	Intel vPro	Preload	Ann date (mm/dd/yy)
10A9000HUS	4x4	i5-4570	4GBx1	500G 7200	DVD±RW	None	HD 4600	None	None	None	None	None	vPro*	Win7 Pro64 (DG)	06/18/13
10A9000JUS	4x4	i5-4670	4GBx1	500G Hybrid	DVD±RW	None	HD 4600	USB	None	None	None	None	vPro	Win7 Pro64 (DG)	06/18/13
10A9000KUS	4x4	i7-4770	4GBx1	1TB 7200	DVD±RW	None	GT 620	USB	None	None	None	None	vPro	Win7 Pro64 (DG)	06/18/13
10A9000LUS	4x4	i7-4770	8GBx1	500G Hybrid	DVD±RW	None	GT 620	None	None	None	None	None	vPro	Win7 Pro64 (DG)	06/18/13
10A9000MUS	4x4	i7-4770	4GBx2	500G Hybrid	DVD±RW	None	GT 620	USB	Serial	None	None	Stand	vPro	Win7 Pro64 (DG)	06/18/13
10A90014US	4x4	i7-4770	8GBx1	1TB 7200	DVD±RW	105	GT 620	USB	Serial	Parallel	None	Stand	vPro	Win7 Pro64 (DG)	08/13/13

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system			
Processor	Intel® Core™ i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i5-4670 Processor (4 cores / 4 threads, 3.4GHz, 6MB cache), Turbo Boost 2.0 (3.8GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1150 socket											Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit			
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)			
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											<ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager 			
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD];</i> 1920x1200 (VGA)@60Hz (Reduced Blanking) Some: NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i>											Preloaded applications (only some listed) <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote • Intel AppUp • Intel Small Business Advantage • Nitro Pro • Intel Unite (vPro models only) 			
DP dongle	None														
Disk	Some: SATA 6.0Gb/s 7200 rpm, 3.5" wide Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide														
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive														
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support														
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)														
eSATA port	None														
Media reader	None														
Chipset	Intel Q87 Express Chipset														
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)														
PCIe WLAN	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1														
Bluetooth	None														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio (1 watt)														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®														
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)														
Modem	None														
Security chip	Trusted Platform Module (TPM1.2-compliant)											Security <ul style="list-style-type: none"> • Security chip (see information on left) • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Serial port I/O control • Individual USB port disablement • Chassis intrusion switch on selected model(s) 			
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Floor Stand	Some: System floor stand for vertical orientation														
Power supply	240 watts, autosensing, 85% PSU														
Machine	<ul style="list-style-type: none"> • SFF Pro (12.9L), business black color; metal case • (WxDxH) 13.31" X 14.76" X 4.02"; 338mm X 375mm X 102mm • 17.20 lb (7.8 kg) in maximum configuration • Toolless cover removal, adapter retention • Toolless disk and optical drive removal 														
Bay	Bay 1: 5.25", 1.6" high, external, std optical Bay 2: 3.5", 1" high, internal, std disk Bay 3: 2.5", N/A, internal, opt, come with opt 2.5" 2nd disk Bay 4: 3.5", 0.5" high, external, opt reader														
Slot	Slot 1: Low Profile, PCI Express 3.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x16 (x4 elec, 40w max) Slot 4: Low Profile, 32-bit PCI 2.3											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant			
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			

See footnotes for important warranty information
 US model(s) announced June 18, 2013 or August 13, 2013

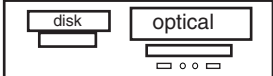
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ThinkCentre M93p SFF Pro (10A9) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Pro-processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Additional Front USB 2.0	2nd serial intrusion port	Chassis switch	Floor stand	Intel vPro	Preload	Ann date (mm/dd/yy)
10A9000NUS	4x4	i7-4770	4GBx1	1TB 7200	DVD±RW	None	None	HD 8470	USB	None	None	Stand	vPro*	Win7 Pro64 (DG)	06/18/13
10A9000PUS	4x4	i7-4770	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	None	Stand	vPro	Win7 Pro64 (DG)	06/18/13
10A9000QUS	4x4	i5-4670	4GBx2	500G Hybrid	DVD±RW	None	None	GT 620	USB	Serial	None	Stand	vPro	Win7 Pro64 (DG)	06/18/13
10A9000RUS	4x4	i5-4670	4GBx1	1TB 7200	DVD±RW	None	None	HD 8470	USB	None	None	Stand	vPro	Win7 Pro64 (DG)	06/18/13
10A9000SUS	4x4	i5-4570	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	None	Stand	vPro	Win7 Pro64 (DG)	06/18/13
10A90016US	4x4	i7-4770	4GBx1	1TB 7200	DVD±RW	None	None	HD 4600	None	None	None	Stand	vPro	Win7 Pro64 (DG)	10/08/13
10A90017US	4x4	i5-4570	4GBx1	128G SSD	DVD±RW	None	None	HD 4600	None	None	None	Stand	vPro	Win7 Pro64 (DG)	10/08/13
10A9002CUS	4x4	i5-4670	4GBx1	500G Hybrid	DVD±RW	None	None	GT 620	None	None	None	Stand	vPro	Win7 Pro64 (DG)	12/10/13

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning Processor	<p><i>Ultimate security, stability, and manageability for the enterprise</i></p> <p>Intel® Core™ i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p> <p>Intel Core i5-4670 Processor (4 cores / 4 threads, 3.4GHz, 6MB cache), Turbo Boost 2.0 (3.8GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p> <p>Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p>	<p>Preloaded operating system</p> <p>Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit</p> <p>Ready to install applications (only some listed)</p> <ul style="list-style-type: none"> Rescue and Recovery™ Password Manager <p>Preloaded applications (only some listed)</p> <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro Intel Unite (vPro models only)
Implementation	Processor in LGA1150 socket	
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets	
Graphics	<p>Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors;</p> <p><i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i></p> <p><i>Some: AMD Radeon™ HD 8470, DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express® 2.0 x16 adapter, one VGA, one DisplayPort, 25 watts, Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz,</i></p> <p><i>Some: NVIDIA® Geforce® GT 620, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz,</i></p>	
DP dongle	None	
Disk	<p><i>Some: SATA 6.0Gb/s 7200 rpm, 3.5" wide</i></p> <p><i>Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</i></p> <p><i>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</i></p>	
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support	
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)	
eSATA port	None	
Media reader	None	
Chipset	Intel Q87 Express Chipset	
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models	
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)	
PCIe WLAN	None	
Bluetooth	None	
Audio	High Definition (HD) Audio, Realtek® ALC662 codec	
Speaker	Internal speaker for business audio (1 watt)	
IEEE 1394	None	
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®	
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)	
Modem	None	
Security chip	Trusted Platform Module (TPM1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Floor Stand	System floor stand for vertical orientation	
Power supply	240 watts, autosensing, 85% PSU	
Machine	<ul style="list-style-type: none"> SFF Pro (12.9L), business black color; metal case (WxDxH) 13.31" X 14.76" X 4.02"; 338mm X 375mm X 102mm 17.20 lb (7.8 kg) in maximum configuration Toolless cover removal, adapter retention Toolless disk and optical drive removal 	
Bay	<p>Bay 1: 5.25", 1.6" high, external, std optical</p> <p>Bay 2: 3.5", 1" high, internal, std disk</p> <p>Bay 3: 2.5", N/A, internal, opt, come with opt 2.5" 2nd disk</p> <p>Bay 4: 3.5", 0.5" high, external, opt reader</p>	
Slot	<p>Slot 1: Low Profile, PCI Express 3.0 x16 (40w max)</p> <p>Slot 2: Low Profile, PCIe 2.0 x1</p> <p>Slot 3: Low Profile, PCIe 2.0 x16 (x4 elec, 40w max)</p> <p>Slot 4: Low Profile, 32-bit PCI 2.3</p>	
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	<p>Security</p> <ul style="list-style-type: none"> Security chip (see information on left) One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s) <p>EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant</p> <p>Supports ThinkVantage Technologies</p> <p>For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet</p>

See footnotes for important warranty information

US model(s) announced June 18, 2013, October 8, 2013, or December 10, 2013

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(MSS1S-4) December 2013

ThinkCentre M93p SFF Pro (10A9) - TopSeller - III

Product Specifications Reference (PSREF)

Type-model	Slot x Pro-bay	Processor	Memory [®]	SATA disk GB rpm	SATA optical	Optional 2.5" Bay	PCIe WLAN	Media reader	Graphics	Additional Front USB 2.0	2nd serial intrusion port	Chassis switch	Floor stand	Intel vPro	Preload	Ann date (mm/dd/yy)
10A9002TUS	4x4	i5-4570	4GBx1	500G 7200	DVD±RW	None	None	None	HD 7450	USB	None	None	Stand	vPro*	Win7 P64 DG Win8.1	02/04/14
10A9002UUS	4x4	i7-4770	8GBx1	500G 7200	DVD±RW	None	None	None	HD 7450	USB	None	None	Stand	vPro	Win7 P64 DG Win8.1	02/04/14
10A9002VUS	4x4	i7-4770	8GBx1	1TB 7200	DVD±RW	None	None	None	HD 7450	USB	None	None	Stand	vPro	Win7 P64 DG Win8.1	02/04/14
10A9002WUS	4x4	i5-4670	4GBx1	1TB 7200	DVD±RW	2.5" bay	None	None	HD 7450	USB	None	None	Stand	vPro	Win7 P64 DG Win8.1	02/11/14
10A90034US	4x4	i5-4570	4GBx1	500G 7200	DVD±RW	2.5" bay	None	None	HD 8570	None	None	None	Stand	vPro	Win7 P64 DG Win8.1	03/25/14
10A9003TUS	4x4	i7-4770	8GBx1	256G SSD OPAL	DVD±RW	2.5" bay	None	None	HD 7450	USB	None	None	Stand	vPro	Win7 P64 DG Win8.1	06/17/14

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

● Small and medium business (SMB) model(s), part of the US TopSeller™ Program

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system				
Processor	Intel® Core™ i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4670 Processor (4 cores / 4 threads, 3.4GHz, 6MB cache), Turbo Boost 2.0 (3.8GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller											Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit				
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)				
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 				
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i> <i>Some: AMD Radeon™ HD 7450, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; Max resolution: 2560x1600 (DisplayPort, DVI-I)@60Hz</i> <i>Some: AMD Radeon HD 8570, DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40 watts; Max resolution: 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz,</i>											Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro Intel Unite (vPro models only) 				
DP dongle	None															
Disk	<i>Some: SATA 6.0Gb/s 7200 rpm, 3.5" wide</i> <i>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide</i>															
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive															
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support															
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)															
eSATA port	None															
Media reader	None															
Chipset	Intel Q87 Express Chipset															
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)															
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models															
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)															
PCIe WLAN	None															
Bluetooth	None															
Audio	High Definition (HD) Audio, Realtek® ALC662 codec															
Speaker	Internal speaker for business audio (1 watt)															
IEEE 1394	None															
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville) - Wake on LAN®															
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)															
Modem	None															
Security chip	Trusted Platform Module (TPM1.2-compliant)											Security <ul style="list-style-type: none"> Security chip (see information on left) One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s) 				
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo															
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo															
Floor Stand	System floor stand for vertical orientation															
Power supply	240 watts, autosensing, 85% PSU															
Machine	<ul style="list-style-type: none"> SFF Pro (12.9L), business black color; metal case (WxDxH) 13.31" X 14.76" X 4.02"; 338mm X 375mm X 102mm 17.20 lb (7.8 kg) in maximum configuration Toolless cover removal, adapter retention Toolless disk and optical drive removal 															
Bay	Bay 1: 5.25", 1.6" high, external, std optical Bay 2: 3.5", 1" high, internal, std disk Bay 3: 2.5", N/A, internal, opt, come with opt 2.5" 2nd disk Bay 4: 3.5", 0.5" high, external, opt reader											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant				
Slot	Slot 1: Low Profile, PCI Express 3.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x16 (x4 elec, 40w max) Slot 4: Low Profile, 32-bit PCI 2.3															
Limited Warranty	3-years, limited onsite service. 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet				

See footnotes for important warranty information

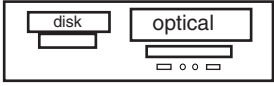
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(MSS1S-5) June 2014

ThinkCentre M93p SFF Pro (10A9) - TopSeller - IV

Product Specifications Reference (PSREF)

Type-model	Slot x Pro-bay	Processor	Memory [®]	SATA disk GB rpm	SATA optical	Optional 2.5" Bay	PCIe WLAN	Media reader	Graphics	Additional Front USB 2.0	2nd serial intrusion port	Chassis switch	Floor stand	Intel vPro	Preload	Ann date (mm/dd/yy)
10A90049US	4x4	i7-4790	8GBx1	256G SSD	DVD±RW	2.5" bay	7260 b/g/n	None	HD 4600	None	None	None	None	vPro*	Win7 P64 DG Win8.1	10/28/14
10A90045US	4x4	i5-4590	4GBx1	500G 7200 2.5"	DVD±RW	None	None	None	HD 4600	None	None	None	None	vPro	Win7 P64 DG Win8.1	10/28/14
10A9004CUS	4x4	i5-4590	4GBx1	1TB 7200	DVD±RW	2.5" bay	7260 b/g/n	None	HD 4600	None	None	None	None	vPro	Win7 P64 DG Win8.1	10/28/14
10A90048US	4x4	i7-4790	8GBx1	1TB 7200	DVD±RW	2.5" bay	7260 b/g/n	None	GT 620	None	None	None	None	vPro	Win7 P64 DG Win8.1	10/28/14
10A90046US	4x4	i5-4590	4GBx1	1TB 7200	DVD±RW	None	None	None	HD 4600	None	None	None	None	vPro	Win7 P64 DG Win8.1	10/28/14
10A9004AUS	4x4	i5-4590	4GBx1	500G 7200 2.5"	DVD±RW	2.5" bay	None	None	HD 4600	None	None	None	None	vPro	Win7 P64 DG Win8.1	10/28/14
10A90047US	4x4	i7-4790	4GBx1	1TB 7200	DVD±RW	2.5" bay	None	None	HD 4600	None	None	None	None	vPro	Win7 P64 DG Win8.1	10/28/14
10A9004BUS	4x4	i5-4590	4GBx1	1TB 7200	DVD±RW	2.5" bay	None	None	HD 4600	None	None	None	None	vPro	Win7 P64 DG Win8.1	10/28/14
10A90075US	4x4	i7-4790	8GBx1	1TB 7200	DVD±RW	2.5" bay	7260 b/g/n	None	HD 4600	None	None	None	Stand	vPro	Win7 P64 DG Win8.1	10/20/15
10A90076US	4x4	i5-4590	8GBx1	500G 7200 2.5"	DVD±RW	None	None	None	HD 4600	None	None	None	Stand	vPro	Win7 P64 DG Win8.1	10/20/15

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>										Preloaded operating system					
Processor	Intel® Core™ i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4790 Processor (4 cores / 8 threads, 3.6GHz, 8MB cache), Turbo Boost 2.0 (4.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket										Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit					
Implementation	Processor in LGA1150 socket										Ready to install applications (only some listed)					
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets										<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 					
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i> Some: NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i>										Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro Intel Unite (vPro models only) 					
DP dongle	None															
Disk	Some: SATA 6.0Gb/s 7200 rpm, 2.5" or 3.5" wide Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide															
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive															
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support															
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)															
eSATA port	None															
Media reader	None															
Chipset	Intel Q87 Express Chipset															
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)															
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models															
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)															
PCIe WLAN	Some: 11b/g/n, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + BT 4.0 combo, 2x2															
Bluetooth	Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter															
Audio	High Definition (HD) Audio, Realtek® ALC662 codec															
Speaker	Internal speaker for business audio (1 watt)															
IEEE 1394	None															
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®															
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)															
Modem	None															
Security chip	Trusted Platform Module (TPM1.2-compliant)										Security <ul style="list-style-type: none"> Security chip (see information on left) One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s) 					
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo															
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo															
Floor Stand	System floor stand for vertical orientation															
Power supply	240 watts, autosensing, 85% PSU															
Machine	<ul style="list-style-type: none"> SFF Pro (12.9L), business black color; metal case (WxDxH) 13.31" X 14.76" X 4.02"; 338mm X 375mm X 102mm 17.20 lb (7.8 kg) in maximum configuration Toolless cover removal, adapter retention Toolless disk and optical drive removal 															
Bay	Bay 1: 5.25", 1.6" high, external, std optical Bay 2: 3.5", 1" high, internal, std disk Bay 3: 2.5", N/A, internal, opt, come with opt 2.5" 2nd disk Bay 4: 3.5", 0.5" high, external, opt reader															
Slot	Slot 1: Low Profile, PCI Express 3.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x16 (x4 elec, 40w max) Slot 4: Low Profile, 32-bit PCI 2.3															
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet					

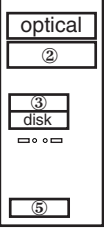
See footnotes for important warranty information

ThinkCentre M93p Mini Tower (10A7) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ⁸	SATA disk GB rpm	SATA optical	Media reader	Graphics	Additional Front USB 2.0	2nd serial port	Parallel port	Chassis intrusion switch	Intel vPro	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10A7000BUS	4x5	i5-4570	4Gx1	500G 7200	DVD±RW	None	HD 4600	None	None	None	None	vPro*	None	Win7 Pro64 (DG)	06/18/13
10A7000CUS	4x5	i5-4670	4Gx1	500G Hybrid	DVD±RW	None	HD 4600	None	None	None	None	vPro	None	Win7 Pro64 (DG)	06/18/13
10A7000DUS	4x5	i7-4770	4Gx1	1TB 7200	DVD±RW	None	HD 8570	None	None	None	None	vPro	None	Win7 Pro64 (DG)	06/18/13
10A7000EUS	4x5	i7-4770	4Gx2	500G Hybrid	DVD±RW	Media	HD 8570	None	Serial	Parallel	None	vPro	None	Win7 Pro64 (DG)	06/18/13
10A7000FUS	4x5	i7-4770	4Gx1	500G 7200	DVD±RW	None	HD 4600	None	None	None	None	vPro	None	Win7 Pro64 (DG)	06/18/13
10A7000GUS	4x5	i5-4670	4Gx2	500G Hybrid	DVD±RW	None	GT 620	USB	Serial	None	None	vPro	None	Win7 Pro64 (DG)	06/18/13
10A7000QUS	4x5	i7-4770	8Gx1	1TB 7200	DVD±RW	None	GT 620	None	None	None	None	vPro	None	Win7 Pro64 (DG)	07/09/13
10A7000SUS	4x5	i7-4770	4Gx1	1TB 7200	DVD±RW	None	HD 4600	None	None	None	None	vPro	None	Win7 Pro64 (DG)	10/08/13
10A7000TUS	4x5	i5-4570	4Gx1	128G SSD	DVD±RW	None	HD 4600	None	None	None	None	vPro	None	Win7 Pro64 (DG)	10/08/13
10A7000UUS	4x5	i7-4770	8Gx1	180G SSD	DVD±RW	None	HD 4600	None	None	None	None	vPro	None	Win7 Pro64 (DG)	10/08/13

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system			
Processor	Intel® Core™ i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4670 Processor (4 cores / 4 threads, 3.4GHz, 6MB cache), Turbo Boost 2.0 (3.8GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Ready to install applications (only some listed)			
Implementation	Processor in LGA1150 socket											<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 			
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											Preloaded applications (only some listed)			
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i> <i>Some: AMD Radeon HD 8570, DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40 watts; Max resolution: 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz</i> <i>Some: NVIDIA® GeForce® GT 620, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i>											<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro Intel Unite (vPro models only) 			
DP dongle	None														
Disk	<i>Some: SATA 6.0Gb/s 7200 rpm, 3.5" wide</i> <i>Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</i> <i>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</i>														
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive														
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support														
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)														
eSATA port	None														
Media reader	<i>Some: 29-in-1 media reader, internal USB 2.0</i>														
Chipset	Intel Q87 Express Chipset														
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)														
PCIe WLAN	None														
Bluetooth	None														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio (1.5 watt)														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®														
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)														
Modem	None														
Security chip	Trusted Platform Module (TPM1.2-compliant)											Security <ul style="list-style-type: none"> Security chip (see information on left) One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s) 			
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Power supply	280 watts, autosensing, 85% PSU														
Machine	<ul style="list-style-type: none"> Mini Tower (25L), business black color, metal case (WxDxH) 6.89" X 17.41" X 16.32"; 175mm X 442.3mm X 414.5mm 24.69 lb (11.20 kg) in maximum configuration Toolless cover removal, adapter retention Toolless disk, optical drive removal 														
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant			
Slot	Slot 1: half-length, full-height, PCIe 3.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x16 (x4 elec, 75w max) Slot 4: half-length, full-height, 32-bit PCI 2.3											Supports ThinkVantage Technologies			
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			

See footnotes for important warranty information

US model(s) announced June 18, 2013, July 9, 2013, or October 8, 2013

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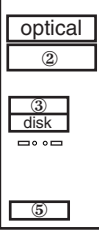
(MSS1T-3) October 2013

ThinkCentre M93p Mini Tower (10A7) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Proces- sor	Memory ⁸	SATA disk GB rpm	SATA optical	WLAN	Media reader	Graphics	Additional Front USB 2.0	2nd serial port	Parallel port	Chassis intrusion switch	Intel vPro	Global (G) OID (O)	Preload	Ann date (mm/yy)
10A70028US	4x5	i5-4570	4Gx1	500G 7200	DVD±RW	None	None	HD 7450	USB	None	None	None	vPro*	None	Win7 P64 DG Win8.1	02/14
10A70029US	4x5	i7-4770	8Gx1	500G 7200	DVD±RW	None	None	HD 7450	USB	None	None	None	vPro	None	Win7 P64 DG Win8.1	02/14
10A7002AUS	4x5	i7-4770	8Gx1	1TB 7200	DVD±RW	None	None	HD 7450	USB	None	None	None	vPro	None	Win7 P64 DG Win8.1	02/14
10A7003CUS	4x5	i7-4770	8Gx1	256G SSD OPAL	DVD±RW	None	None	HD 7450	USB	None	None	None	vPro	None	Win7 P64 DG Win8.1	06/14
10A7003UUS	4x5	i7-4790	8Gx1	1TB 7200	DVD±RW	None	None	GT 620	None	None	None	None	vPro	None	Win7 P64 DG Win8.1	10/14
10A7003RUS	4x5	i5-4590	8Gx1	256G SSD	DVD±RW	7260 b/g/n	None	HD 4600	None	None	None	None	vPro	None	Win7 P64 DG Win8.1	10/14
10A7003PUS	4x5	i5-4590	4Gx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	None	None	vPro	None	Win7 P64 DG Win8.1	10/14
10A7003QUS	4x5	i5-4590	4Gx1	500G 7200	DVD±RW	7260 b/g/n	None	HD 4600	None	None	None	None	vPro	None	Win7 P64 DG Win8.1	10/14
10A7003SUS	4x5	i7-4790	8Gx1	1TB 7200	DVD±RW	None	None	HD 4600	None	None	None	None	vPro	None	Win7 P64 DG Win8.1	10/14
10A7003TUS	4x5	i7-4790	8Gx1	256G SSD	DVD±RW	7260 b/g/n	None	HD 4600	None	None	None	None	vPro	None	Win7 P64 DG Win8.1	10/14
10A7005EUS	4x5	i5-4590	8Gx1	500G 7200	DVD±RW	7260 b/g/n	None	HD 4600	None	None	None	None	vPro	None	Win7 P64 DG Win8.1	10/15

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system				
Processor	Intel® Core™ i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4790 Processor (4 cores / 8 threads, 3.6GHz, 8MB cache), Turbo Boost 2.0 (4.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit Ready to install applications (only some listed) <ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 				
Implementation	Processor in LGA1150 socket											Preloaded applications (only some listed)				
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro Intel Unite (vPro models only) 				
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i> Some: AMD Radeon™ HD 7450 , DirectX 11, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; <i>Max resolution: 2560x1600 (DisplayPort, DVI-I)@60Hz</i> Some: NVIDIA® Geforce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i>															
DP dongle	None															
Disk	Some: SATA 6.0Gb/s 7200 rpm, 3.5" wide Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide															
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive															
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support															
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)															
eSATA port	None															
Media reader	Some: 29-in-1 media reader, internal USB 2.0															
Chipset	Intel Q87 Express Chipset															
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)															
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models															
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)															
PCIe WLAN	Some: 11b/g/n, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + BT 4.0 combo, 2x2															
Bluetooth	Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter															
Audio	High Definition (HD) Audio, Realtek® ALC662 codec															
Speaker	Internal speaker for business audio (1.5 watt)															
IEEE 1394	None															
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®															
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)															
Modem	None															
Security chip	Trusted Platform Module (TPM1.2-compliant)											Security <ul style="list-style-type: none"> Security chip (see information on left) One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s) 				
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo															
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo															
Power supply	280 watts, autosensing, 85% PSU															
Machine	<ul style="list-style-type: none"> Mini Tower (25L), business black color, metal case (WxDxH) 6.89" X 17.41" X 16.32"; 175mm X 442.3mm X 414.5mm 24.69 lb (11.20 kg) in maximum configuration Toolless cover removal, adapter retention Toolless disk, optical drive removal 															
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant				
Slot	Slot 1: half-length, full-height, PCIe 3.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x16 (x4 elec, 75w max) Slot 4: half-length, full-height, 32-bit PCI 2.3											Supports ThinkVantage Technologies				
Limited Warranty	3-years, limited onsite service											For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet				

See footnotes for important warranty information

ThinkCentre M93p Tiny (10AA) - 1 Year Depot

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Keyboard / mouse	Intel vPro	Preload	Ann date (mm/dd/yy)
10AA0023US	i5-4570T	4GBx1	500G 7200	None	HD 4600	Intel 105	HDMI	None	Stand	None	USB	vPro*	Win7 Pro64 (DG)	07/02/13
10AA0024US	i7-4765T	4GBx1	500G 7200	None	HD 4600	Intel 105	HDMI	None	Stand	None	USB	vPro	Win7 Pro64 (DG)	07/02/13
10AA0025US	i7-4765T	4GBx1	500G 7200	None	HD 4600	Intel 6235	HDMI	None	Stand	None	USB	vPro	Win7 Pro64 (DG)	07/02/13

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- A depot repair service 1-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system
Processor	Intel® Core™ i5-4570T Processor (2 cores / 4 threads, 2.9GHz, 4MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i7-4765T Processor (4 cores / 8 threads, 2.0GHz, 8MB cache), Turbo Boost 2.0 (3.0GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1150 socket											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Ready to install applications (only some listed)
Implementation	Processor in LGA1150 socket											<ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											Preloaded applications (only some listed)
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional HDMI or one optional 2nd DisplayPort on select models, supports up to triple independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD];</i> 1920x1080 (HDMI)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)											<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote • Intel AppUp • Intel Small Business Advantage • Nitro Pro • Intel Unite (vPro models only)
DP dongle	None											
Disk	Some: SATA 6.0Gb/s, 2.5" Wide, 7200 rpm											
External optical	None											
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset											
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar											
eSATA port	None											
Chipset	Intel Q87 Express Chipset											
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)											
Rear ports	Three USB 3.0 (optional external optical box or external I/O box occupies one specific USB 3.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / 2nd DisplayPort / HDMI on selected models)											
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 3.0 port											
PCIe Mini Card	One PCI Express® Mini Card slot (Half Size)											
PCIe WLAN	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 Some: 11a/b/g/n wireless, PCIe Half Mini Card, Intel Centrino Advanced-N 6235, Wi-Fi + Bluetooth combo adapter, Intel vPro technology support, 2x2											
Bluetooth	Some: Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											
Audio	High Definition (HD) Audio, Realtek® ALC283 codec											
Speaker	Internal speaker for business audio (1.5 watt)											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®											
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)											
Modem	None											
Security chip	Trusted Platform Module (TPM1.2-compliant)											
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	Optional system floor stand for vertical orientation											
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard											
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU											
Machine	<ul style="list-style-type: none"> • Tiny (1L), business black color; metal case • <i>M93/p Tiny only:</i> 7.0" W X 7.2" D X 1.4" H • <i>M93/p Tiny only:</i> 179mm W X 182mm D X 34.5mm H • <i>M93/p Tiny only:</i> 2.9 lb (1.3 kg), weight may vary by configuration • <i>With VESA mount & optical box:</i> 7.2" W X 7.2" D X 2.55" H • <i>With VESA mount & optical box:</i> 184mm W X 182mm D X 65mm H • <i>With VESA mount & optical box:</i> 5.1 lb (2.3 kg), weight may vary by configuration 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant
Limited Warranty	1-years - depot repair service / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
 US model(s) announced July 2, 2013

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 (MSS1N-6) July 2013

ThinkCentre M93p Tiny (10AA)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Intel vPro	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10AA0027US	i7-4765T	4GBx1	500G Hybrid	DVD±RW	HD 4600	Intel 6235	2nd DP	None	None	Mount	vPro*	None	Win7 P64 DG Win8	09/10/13
10AA0028US	i5-4570T	4GBx1	500G Hybrid	DVD±RW	HD 4600	Intel 6235	2nd DP	None	None	Mount	vPro	None	Win7 P64 DG Win8	09/10/13
10AA002BUS	i7-4765T	4GBx1	500G 7200	None	HD 4600	Intel 2230	2nd DP	None	Stand	None	vPro	None	Win7 P64 DG Win8	09/10/13
10AA002AUS	i7-4765T	4GBx1	500G Hybrid	I/O box	HD 4600	Intel 2230	HDMI	None	None	Mount	vPro	None	Win7 P64 DG Win8	09/10/13
10AA0029US	i5-4570T	4GBx1	500G Hybrid	I/O box	HD 4600	Intel 2230	HDMI	None	None	Mount	vPro	None	Win7 P64 DG Win8	09/10/13
10AA002CUS	i5-4570T	4GBx1	500G 7200	None	HD 4600	Intel 2230	2nd DP	None	Stand	None	vPro	None	Win7 P64 DG Win8	09/10/13
10AA003PUS	i7-4765T	4GBx1	256G SSD	None	HD 4600	Intel 6235	2nd DP	None	Stand	None	vPro	None	Win7 P64 DG Win8	11/12/13
10AA003QUS	i5-4570T	4GBx1	256G SSD	None	HD 4600	Intel 6235	2nd DP	None	Stand	None	vPro	None	Win7 P64 DG Win8	11/12/13
10AA0056US	i7-4765T	8GBx1	256G SSD OPAL	None	HD 4600	7260 AC	2nd DP	None	Stand	None	vPro	None	Win7 P64 DG Win8.1	06/17/14

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system		
Processor	Intel® Core™ i5-4570T Processor (2 cores / 4 threads, 2.9GHz, 4MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i7-4765T Processor (4 cores / 8 threads, 2.0GHz, 8MB cache), Turbo Boost 2.0 (3.0GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology											Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit		
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)		
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 		
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional HDMI or one optional 2nd DisplayPort on select models, supports up to triple independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1080 (HDMI)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>											Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro Intel Unite (vPro models only) 		
DP dongle	None													
Disk	Some: SATA 6.0Gb/s, 2.5" Wide, 7200 rpm Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: external optical box with slim DVD burner, 12.7mm high, tray-in, via USB 3.0													
External optical	Serial ATA, SATA 6.0Gb/s support, integrated in chipset													
SATA controller	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar													
Onboard SATA	None													
eSATA port	None													
Chipset	Intel Q87 Express Chipset													
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)													
Rear ports	Three USB 3.0 (optional external optical box or external I/O box occupies one specific USB 3.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / 2nd DisplayPort / HDMI on selected models)													
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 3.0 port													
PCIe Mini Card	One PCI Express® Mini Card slot (Half Size)													
PCIe WLAN	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 Some: 11a/b/g/n wireless, PCIe Half Mini Card, Intel Centrino Advanced-N 6235, Wi-Fi + Bluetooth combo adapter, Intel vPro technology support, 2x2 Some: 11ac/a/b/g/n wireless, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo adapter, Intel vPro technology support, 2x2													
Bluetooth	Some: Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											Security		
Audio	High Definition (HD) Audio, Realtek® ALC283 codec											<ul style="list-style-type: none"> Security chip (see information on left) Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Chassis intrusion switch on selected model(s) 		
Speaker	Internal speaker for business audio (1.5 watt)													
IEEE 1394	None													
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®													
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)													
Modem	None													
Security chip	Trusted Platform Module (TPM1.2-compliant)													
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo													
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Floor Stand	Optional system floor stand for vertical orientation													
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard													
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU													
Machine	<ul style="list-style-type: none"> Tiny (1L), business black color; metal case <i>M93/p Tiny only:</i> 7.0" W X 7.2" D X 1.4" H <i>M93/p Tiny only:</i> 179mm W X 182mm D X 34.5mm H <i>M93/p Tiny only:</i> 2.9 lb (1.3 kg), weight may vary by configuration <i>With VESA mount & optical box:</i> 7.2" W X 7.2" D X 2.55" H <i>With VESA mount & optical box:</i> 184mm W X 182mm D X 65mm H <i>With VESA mount & optical box:</i> 5.1 lb (2.3 kg), weight may vary by configuration 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant		
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet		

See footnotes for important warranty information

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ThinkCentre M93p Tiny (10AA) - OID

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Intel vPro	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10AA001YUS	i5-4570T	2GBx1	320G 5400	None	HD 4600	Intel 105	None	Switch	Stand	None	vPro*	G O	Win7 Pro64	07/02/13
10AA0020US	i5-4570T	4GBx1	500G 5400	DVD	HD 4600	Intel 2230	Serial	Switch	None	Mount	vPro	G O	Win7 Pro64 (DG)	07/02/13
10AA0021US	i7-4765T	4GBx1	128G SSD	DVD	HD 4600	Intel 2230	2nd DP	Switch	None	Mount	vPro	G O	Win7 Pro64 (DG)	07/02/13
10AA0022US	i5-4570T	4GBx1	500G 5400	None	HD 4600	Intel 2230	HDMI	Switch	Stand	None	vPro	G O	Win7 Pro64 (DG)	07/02/13
10AA002RUS	i5-4570T	4GBx1	500G 7200	None	HD 4600	Intel 2230	HDMI	Switch	Stand	None	vPro	G O	Win7 Pro64 (DG)	10/08/13
10AA002SUS	i5-4570T	4GBx1	500G 7200	DVD±RW	HD 4600	Intel 2230	Serial	Switch	None	Mount	vPro	G O	Win7 Pro64 (DG)	10/08/13
10AA002UUS	i5-4570T	4GBx1	500G Hybrid	None	HD 4600	Intel 2230	HDMI	None	Stand	None	vPro	G O	Win7 Pro64 (DG)	11/12/13
10AA002VUS	i7-4765T	4GBx1	500G Hybrid	None	HD 4600	Intel 2230	2nd DP	None	Stand	None	vPro	G O	Win7 Pro64 (DG)	11/12/13
10AA002WUS	i5-4570T	4GBx1	500G 7200	None	HD 4600	Intel 105	2nd DP	None	Stand	None	vPro	G O	Win7 Pro64 (DG)	11/12/13
10AA004JUS	i5-4590T	2GBx1	320G 5400	None	HD 4600	Intel 105	None	Switch	Stand	None	vPro	G O	Win7 Pro64	06/10/14

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system
Processor	Intel® Core™ i5-4570T Processor (2 cores / 4 threads, 2.9GHz, 4MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4590T Processor (4 cores / 4 threads, 2.0GHz, 6MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4765T Processor (4 cores / 8 threads, 2.0GHz, 8MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Some: Windows® 7 Professional 64 Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional HDMI or one optional 2nd DisplayPort on select models, supports up to triple independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1080 (HDMI)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>											Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro Intel Unite (vPro models only)
DP dongle	None											
Disk	<i>Some:</i> SATA 3.0Gb/s, 2.5" Wide, 5400 rpm <i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide											
External optical	<i>Some:</i> external optical box with slim DVD-ROM, 12.7mm high, tray-in, via USB 3.0 <i>Some:</i> external optical box with slim DVD burner, 12.7mm high, tray-in, via USB 3.0											
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset											
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar											
eSATA port	None											
Chipset	Intel Q87 Express Chipset											
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)											
Rear ports	Three USB 3.0 (optional external optical box or external I/O box occupies one specific USB 3.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / 2nd DisplayPort / HDMI on selected models)											
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 3.0 port											
PCIe Mini Card	One PCI Express® Mini Card slot (Half Size)											
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2											
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											
Audio	High Definition (HD) Audio, Realtek® ALC283 codec											
Speaker	Internal speaker for business audio (1.5 watt)											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®											
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)											
Modem	None											
Security chip	Trusted Platform Module (TPM1.2-compliant)											
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	Optional system floor stand for vertical orientation											
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard											
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU											
Machine	<ul style="list-style-type: none"> Tiny (1L), business black color; metal case <i>M93/p Tiny only:</i> 7.0" W X 7.2" D X 1.4" H <i>M93/p Tiny only:</i> 179mm W X 182mm D X 34.5mm H <i>M93/p Tiny only:</i> 2.9 lb (1.3 kg), weight may vary by configuration <i>With VESA mount & optical box:</i> 7.2" W X 7.2" D X 2.55" H <i>With VESA mount & optical box:</i> 184mm W X 182mm D X 65mm H <i>With VESA mount & optical box:</i> 5.1 lb (2.3 kg), weight may vary by configuration 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information

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ThinkCentre M93p Tiny (10AA) - OID - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Intel vPro	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10AA004WUS	i7-4785T	4GBx1	128G SSD	DVD	HD 4600	7260 b/g/n	2nd DP	Switch	None	Mount	vPro*	G O	Win7 P64 DG Win 8.1	07/08/14
10AA004XUS	i5-4590T	4GBx1	500G 5400	None	HD 4600	7260 b/g/n	HDMI	Switch	Stand	None	vPro	G O	Win7 P64 DG Win 8.1	07/08/14
10AA004YUS	i5-4590T	4GBx1	500G 5400	DVD	HD 4600	7260 b/g/n	Serial	Switch	None	Mount	vPro	G O	Win7 P64 DG Win 8.1	07/08/14
10AA0073US	i5-4590T	4GBx1	500G 5400	None	HD 4600	7260 b/g/n	None	None	Stand	None	vPro	G O	Win7 P64 DG Win 10	11/17/15

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- Onsite International Delivery (OID)

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system
Processor	Intel® Core™ i5-4590T Processor (4 cores / 4 threads, 2.0GHz, 6MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4785T Processor (4 cores / 8 threads, 2.2GHz, 8MB cache), Turbo Boost 2.0 (3.2GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller											<i>Some:</i> Windows® 7 Professional 64 <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit
Implementation	Processor in LGA1150 socket											<i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											Ready to install applications (only some listed)
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional HDMI or one optional 2nd DisplayPort on select models, supports up to triple independent display; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1080 (HDMI)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)											
DP dongle	None											Preloaded applications (only some listed)
Disk	<i>Some:</i> SATA 3.0Gb/s, 2.5" Wide, 5400 rpm <i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide											
External optical	<i>Some:</i> external optical box with slim DVD-ROM, 12.7mm high, tray-in, via USB 3.0 <i>Some:</i> external optical box with slim DVD burner, 12.7mm high, tray-in, via USB 3.0											<ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote • Intel AppUp • Intel Small Business Advantage • Nitro Pro • Intel Unite (vPro models only)
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset											
Onboard SATA eSATA port	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar											
Chipset	Intel Q87 Express Chipset											
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)											
Rear ports	Three USB 3.0 (optional external optical box or external I/O box occupies one specific USB 3.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / 2nd DisplayPort / HDMI on selected models)											
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 3.0 port											
PCIe Mini Card	One PCI Express® Mini Card slot (Half Size)											
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2											
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											
Audio	High Definition (HD) Audio, Realtek® ALC283 codec											
Speaker	Internal speaker for business audio (1.5 watt)											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®											
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)											
Modem	None											
Security chip	Trusted Platform Module (TPM1.2-compliant)											
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	Optional system floor stand for vertical orientation											
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard											
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU											
Machine	<ul style="list-style-type: none"> • Tiny (1L), business black color; metal case • <i>M93/p Tiny only:</i> 7.0" W X 7.2" D X 1.4" H • <i>M93/p Tiny only:</i> 179mm W X 182mm D X 34.5mm H • <i>M93/p Tiny only:</i> 2.9 lb (1.3 kg), weight may vary by configuration • <i>With VESA mount & optical box:</i> 7.2" W X 7.2" D X 2.55" H • <i>With VESA mount & optical box:</i> 184mm W X 182mm D X 65mm H • <i>With VESA mount & optical box:</i> 5.1 lb (2.3 kg), weight may vary by configuration 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information

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ThinkCentre M93p Tiny (10AA) - OID - III

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Intel Global (G) vPro	Intel Global (O) OID (O)	Preload	Ann date (mm/dd/yy)
10AA0074US	i5-4590T	2GBx1	320G 5400	None	HD 4600	7260 b/g/n	None	None	Stand	None	vPro*	G O	Win10 Pro64	09/22/15

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- Onsite International Delivery (OID)

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system
Processor	Intel® Core™ i5-4590T Processor (4 cores / 4 threads, 2.0GHz, 6MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4785T Processor (4 cores / 8 threads, 2.2GHz, 8MB cache), Turbo Boost 2.0 (3.2GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller											Windows® 10 Pro 64-bit
Implementation	Processor in LGA1150 socket											Preloaded applications (only some listed)
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> • Lenovo Companion • Lenovo Solution Center • Lenovo SHAREit • Lenovo REACHit • Desktop Power Manager • PC Device Stage • Microsoft® Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial) • Cyberlink PowerDVD (DVD±RW, DVD) • PowerDVD Create (DVD±RW) • Intel Unite (vPro models only)
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional HDMI or one optional 2nd DisplayPort on select models, supports up to triple independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1080 (HDMI)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>											
DP dongle	None											
Disk	<i>Some: SATA 3.0Gb/s, 2.5" Wide, 5400 rpm</i> <i>Some: SATA 6.0Gb/s, 2.5" Wide, 7200 rpm</i> <i>Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</i> <i>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</i>											
External optical	<i>Some: external optical box with slim DVD-ROM, 12.7mm high, tray-in, via USB 3.0</i> <i>Some: external optical box with slim DVD burner, 12.7mm high, tray-in, via USB 3.0</i>											
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset											
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar											
eSATA port	None											
Chipset	Intel Q87 Express Chipset											
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)											
Rear ports	Three USB 3.0 (optional external optical box or external I/O box occupies one specific USB 3.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / 2nd DisplayPort / HDMI on selected models)											
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 3.0 port											
PCIe Mini Card	One PCI Express® Mini Card slot (Half Size)											
PCIe WLAN	<i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2</i>											
Bluetooth	<i>Some: Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter</i>											
Audio	High Definition (HD) Audio, Realtek® ALC283 codec											
Speaker	Internal speaker for business audio (1.5 watt)											
IEEE 1394	None											Security
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®											<ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch on selected model(s)
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)											
Modem	None											
Security chip	Trusted Platform Module (TPM1.2-compliant)											
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	Optional system floor stand for vertical orientation											
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard											
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU											
Machine	<ul style="list-style-type: none"> • Tiny (1L), business black color; metal case • <i>M93/p Tiny only:</i> 7.0" W X 7.2" D X 1.4" H • <i>M93/p Tiny only:</i> 179mm W X 182mm D X 34.5mm H • <i>M93/p Tiny only:</i> 2.9 lb (1.3 kg), weight may vary by configuration • <i>With VESA mount & optical box:</i> 7.2" W X 7.2" D X 2.55" H • <i>With VESA mount & optical box:</i> 184mm W X 182mm D X 65mm H • <i>With VESA mount & optical box:</i> 5.1 lb (2.3 kg), weight may vary by configuration 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information

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ThinkCentre M93p Tiny (10DH) - OID (TIO models)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	SATA disk GB rpm	External optical / I/O box	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion switch	Floor stand	VESA mount	Intel vPro	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10DH0003US	i7-4765T	4GBx1	128G SSD	DVD±RW (TIO23)	HD 4600	7260 b/g/n	2nd DP	Switch	None	None	vPro*	G O	Win7 P64 DG Win 8.1	10/14/14
10DH0004US	i5-4570T	4GBx1	500G 5400	DVD±RW (TIO23)	HD 4600	7260 b/g/n	2nd DP	Switch	None	None	vPro	G O	Win7 P64 DG Win 8.1	10/14/14
10DH0005US	i5-4570T	4GBx1	500G 7200	DVD±RW (TIO23)	HD 4600	7260 b/g/n	Serial	Switch	None	None	vPro	G O	Win7 P64 DG Win 8.1	10/14/14
10DH000KUS	i5-4570T	4GBx1	500G 7200	DVD±RW (TIO23)	HD 4600	7260 b/g/n	None	None	None	None	vPro	G O	Win7 P64 DG Win 8.1	05/12/15
10DH000LUS	i7-4765T	4GBx1	500G 7200	DVD±RW (TIO23)	HD 4600	7260 b/g/n	None	None	None	None	vPro	G O	Win7 P64 DG Win 8.1	05/26/15
10DH000MUS	i5-4590T	4GBx1	500G 5400	DVD±RW (TIO23)	HD 4600	7260 b/g/n	None	Switch	None	None	vPro	G O	Win7 P64 DG Win 10	11/17/15

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- Onsite International Delivery (OID)

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system	
Processor	Intel® Core™ i5-4570T Processor (2 cores / 4 threads, 2.9GHz, 4MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4590T Processor (4 cores / 4 threads, 2.0GHz, 6MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4765T Processor (4 cores / 8 threads, 2.0GHz, 8MB cache), Turbo Boost 2.0 (3.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											<i>Some:</i> Windows® 7 Professional 64 <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit	
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)	
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager 	
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional HDMI or one optional 2nd DisplayPort on select models, supports up to triple independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1080 (HDMI)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>											Preloaded applications (only some listed) <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote • Intel AppUp • Intel Small Business Advantage • Nitro Pro • Intel Unite (vPro models only) 	
DP dongle	None												
Disk	<i>Some:</i> SATA 3.0Gb/s, 2.5" Wide, 5400 rpm <i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide												
External optical	<i>Some:</i> external USB optical box with DVD burner, 9.5mm high, compatible with TIO 23												
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset												
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar												
eSATA port	None												
Chipset	Intel Q87 Express Chipset												
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)												
Rear ports	Three USB 3.0 (optional external optical box or external I/O box occupies one specific USB 3.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / 2nd DisplayPort / HDMI on selected models)												
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 3.0 port												
PCIe Mini Card	One PCI Express® Mini Card slot (Half Size)												
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2												
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter												
Audio	High Definition (HD) Audio, Realtek® ALC283 codec												
Speaker	Internal speaker for business audio (1.5 watt)												
IEEE 1394	None												
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®												
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)												
Modem	None												
Security chip	Trusted Platform Module (TPM1.2-compliant)											Security <ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch on selected model(s) 	
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo												
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo												
Floor Stand	Optional system floor stand for vertical orientation												
VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm mount standard												
Power supply	None												
Machine	<ul style="list-style-type: none"> • Tiny (1L), business black color; metal case • <i>M93/p Tiny only:</i> 7.0" W X 7.2" D X 1.4" H • <i>M93/p Tiny only:</i> 179mm W X 182mm D X 34.5mm H • <i>M93/p Tiny only:</i> 2.9 lb (1.3 kg), weight may vary by configuration • <i>With VESA mount & optical box:</i> 7.2" W X 7.2" D X 2.55" H • <i>With VESA mount & optical box:</i> 184mm W X 182mm D X 65mm H • <i>With VESA mount & optical box:</i> 5.1 lb (2.3 kg), weight may vary by configuration 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant	
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet	

See footnotes for important warranty information

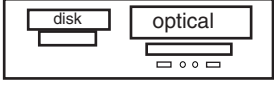
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ThinkCentre M93p SFF Pro (10A8)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Pro-processor	Memory ⁸	SATA disk GB rpm	SATA optical	Optional 2.5" Bay	PCIe WLAN	Media reader	Graphics	Additional Front USB 2.0	2nd serial port	Chassis intrusion switch	Floor stand	Intel vPro	Preload	Ann date (mm/dd/yy)
10A8000TUS	4x4	i7-4770	4GBx2	1TB 7200	DVD±RW	None	Intel 105	Media	GT 620	None	Serial	None	Stand	vPro*	Win7 P64 DG Win8	06/18/13
10A8000UUS	4x4	i7-4770	4GBx2	1TB 7200	DVD±RW	None	None	None	GT 620	USB	Serial	None	Stand	vPro	Win7 P64 DG Win8	06/18/13
10A8000VUS	4x4	i7-4770	4GBx1	500G 7200	DVD±RW	None	None	None	HD 4600	USB	Serial	None	Stand	vPro	Win7 P64 DG Win8	06/18/13
10A8000WUS	4x4	i5-4570	4GBx1	500G 7200	DVD±RW	None	None	None	HD 4600	USB	Serial	None	Stand	vPro	Win7 P64 DG Win8	06/18/13
10A8000XUS	4x4	i5-4570	8GBx1	1TB 7200	DVD±RW	None	Intel 105	None	HD 4600	USB	Serial	None	Stand	vPro	Win7 P64 DG Win8	06/18/13
10A8000YUS	4x4	i5-4570	4GBx1	250G 7200	DVD±RW	None	None	None	HD 4600	None	None	None	Stand	vPro	Win7 P64 DG Win8	06/18/13
10A80037US	4x4	i5-4570	4GBx1	500G 7200	DVD±RW	2.5" bay	None	None	HD 7450	USB	None	None	Stand	vPro	Win7 P64 DG Win8.1	02/04/14
10A80038US	4x4	i7-4770	8GBx1	1TB 7200	DVD±RW	2.5" bay	None	None	HD 7450	USB	None	None	Stand	vPro	Win7 P64 DG Win8.1	02/04/14

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system				
Processor	Intel® Core™ i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1150 socket											Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit				
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)				
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 				
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i> Some: AMD Radeon™ HD 7450 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; <i>Max resolution: 2560x1600 (DisplayPort, DVI-I)@60Hz</i> Some: NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i>											Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro Intel Unite (vPro models only) 				
DP dongle	None															
Disk	SATA 6.0Gb/s 7200 rpm, 3.5" wide															
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive															
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support															
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)															
eSATA port	None															
Media reader	Some: 29-in-1 media reader, slim, internal USB 2.0															
Chipset	Intel Q87 Express Chipset															
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)															
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models															
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)															
PCIe WLAN	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1															
Bluetooth	None															
Audio	High Definition (HD) Audio, Realtek® ALC662 codec															
Speaker	Internal speaker for business audio (1 watt)															
IEEE 1394	None															
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®															
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)															
Modem	None															
Security chip	Trusted Platform Module (TPM1.2-compliant)											Security <ul style="list-style-type: none"> Security chip (see information on left) One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s) 				
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo															
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo															
Floor Stand	System floor stand for vertical orientation															
Power supply	240 watts, autosensing, 85% PSU															
Machine	<ul style="list-style-type: none"> SFF Pro (12.9L), business black color; metal case (WxDxH) 13.31" X 14.76" X 4.02"; 338mm X 375mm X 102mm 17.20 lb (7.8 kg) in maximum configuration Toolless cover removal, adapter retention Toolless disk and optical drive removal 															
Bay	Bay 1: 5.25", 1.6" high, external, std optical Bay 2: 3.5", 1" high, internal, std disk Bay 3: 2.5", N/A, internal, opt or come with opt 2.5" 2nd disk Bay 4: 3.5", 0.5" high, external, opt reader											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant				
Slot	Slot 1: Low Profile, PCI Express 3.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x16 (x4 elec, 40w max) Slot 4: Low Profile, 32-bit PCI 2.3											Supports ThinkVantage Technologies				
Limited Warranty	3-years, limited onsite service. 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet				

See footnotes for important warranty information
 US model(s) announced June 18, 2013 or February 4, 2014

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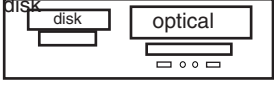
ThinkCentre M93p SFF Pro (10A8) - II

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Pro-processor	SATA disk Memory ⁹	SATA GB rpm	SATA optical	Optional 2.5" Bay	PCIe WLAN	Media reader	Additional Front Graphics	2nd serial USB 2.0 port	Chassis intrusion switch	Floor stand	Intel vPro	Preload	Ann date (mm/dd/yy)
10A8004MUS	4x4	i7-4790	8GBx1	1TB 7200	DVD±RW	2.5" bay	7260 b/g/n	None	HD 8570	None	None	None	vPro*	Win7 P64 DG	Win8.1 10/18/14
10A8004JUS	4x4	i5-4590	4GBx1	256G SSD	DVD±RW	2.5" bay	7260 b/g/n	None	HD 4600	None	None	None	vPro	Win7 P64 DG	Win8.1 10/18/14
10A8004KUS	4x4	i7-4790	4GBx1	500G 7200 2.5"	DVD±RW	2.5" bay	None	None	HD 4600	None	None	None	vPro	Win7 P64 DG	Win8.1 10/18/14
10A8004GUS	4x4	i5-4590	4GBx1	500G 7200 2.5"	DVD±RW	2.5" bay	None	None	HD 4600	None	None	None	vPro	Win7 P64 DG	Win8.1 10/18/14
10A8004LUS	4x4	i7-4790	8GBx1	1TB 7200	DVD±RW	2.5" bay	7260 b/g/n	None	HD 4600	None	None	None	vPro	Win7 P64 DG	Win8.1 10/18/14
10A8004HUS	4x4	i5-4590	4GBx1	1TB 7200	DVD±RW	2.5" bay	None	None	HD 4600	None	None	None	vPro	Win7 P64 DG	Win8.1 10/18/14

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- 3-year limited warranty

Positioning	Ultimate security, stability, and manageability for the enterprise										Preloaded operating system				
Processor	Intel® Core™ i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller										Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit				
Implementation	Intel Core i7-4790 Processor (4 cores / 8 threads, 3.6GHz, 8MB cache), Turbo Boost 2.0 (4.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket										Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit				
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets										Ready to install applications (only some listed)				
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)										<ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager 				
DP dongle	None										Preloaded applications (only some listed)				
Disk	Some: SATA 6.0Gb/s 7200 rpm, 2.5" or 3.5" wide Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide										<ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● Desktop Power Manager ● View Management Utility ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink PowerDVD (DVD±RW, DVD) ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Evernote ● Intel AppUp ● Intel Small Business Advantage ● Nitro Pro ● Intel Unite (vPro models only) 				
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive										Security <ul style="list-style-type: none"> ● Security chip (see information on left) ● One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> - Padlock loop (in rear for opt padlock) - Security slot (in rear for optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Serial port I/O control ● Individual USB port disablement ● Chassis intrusion switch on selected model(s) 				
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support														
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)														
eSATA port	None														
Media reader	Some: 29-in-1 media reader, slim, internal USB 2.0														
Chipset	Intel Q87 Express Chipset														
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)														
PCIe WLAN	Some: 11b/g/n, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + BT 4.0 combo, 2x2														
Bluetooth	Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio (1 watt)														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®														
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)														
Modem	None														
Security chip	Trusted Platform Module (TPM1.2-compliant)														
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Floor Stand	System floor stand for vertical orientation														
Power supply	240 watts, autosensing, 85% PSU														
Machine	<ul style="list-style-type: none"> ● SFF Pro (12.9L), business black color; metal case ● (WxDxH) 13.31" X 14.76" X 4.02"; 338mm X 375mm X 102mm ● 17.20 lb (7.8 kg) in maximum configuration ● Toolless cover removal, adapter retention ● Toolless disk and optical drive removal 														
Bay	Bay 1: 5.25", 1.6" high, external, std optical Bay 2: 3.5", 1" high, internal, std disk Bay 3: 2.5", N/A, internal, opt or come with opt 2.5" 2nd disk Bay 4: 3.5", 0.5" high, external, opt reader														
Slot	Slot 1: Low Profile, PCI Express 3.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x16 (x4 elec, 40w max) Slot 4: Low Profile, 32-bit PCI 2.3														
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available														
See footnotes for important warranty information											Supports ThinkVantage Technologies				
											For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet				

See footnotes for important warranty information

Type-model	Slot x bay	Pro-processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Additional Front USB 2.0	2nd serial port	Chassis intrusion switch	Floor stand	Intel vPro	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10A8001GUS	4x4	i5-4570	2GBx1	500G 7200	DVD	None	None	HD 4600	None	None	Switch	None	vPro*	G O	Win7 Pro64	06/18/13
10A8001HUS	4x4	i5-4570	4GBx1	500G 7200	DVD	Intel 105	None	HD 4600	USB	None	Switch	Stand	vPro	G O	Win7 Pro64 (DG)	06/18/13
10A8001JUS	4x4	i7-4770	4GBx1	1TB 7200	DVD	Intel 105	None	HD 8470	USB	None	Switch	Stand	vPro	G O	Win7 Pro64 (DG)	06/18/13
10A8002CUS	4x4	i5-4570	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	None	Stand	vPro	G O	Win7 Pro64 (DG)	11/12/13
10A8002DUS	4x4	i7-4770	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	USB	Serial	None	Stand	vPro	G O	Win7 Pro64 (DG)	11/12/13
10A8003UUS	4x4	i5-4590	2GBx1	500G 7200	DVD	None	None	HD 4600	None	None	Switch	None	vPro	G O	Win7 Pro64	06/10/14
10A8004UUS	4x4	i7-4790	4GBx1	1TB 7200	DVD	8723BE	None	GT 620	None	None	Switch	Stand	vPro	G O	Win7 P64 DG Win 8.1	07/08/14
10A8004AUS	4x4	i5-4590	4GBx1	500G 7200	DVD	8723BE	None	HD 4600	None	None	Switch	Stand	vPro	G O	Win7 P64 DG Win 8.1	07/08/14

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning Processor	Ultimate security, stability, and manageability for the enterprise Intel® Core™ i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4790 Processor (4 cores / 8 threads, 3.6GHz, 8MB cache), Turbo Boost 2.0 (4.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket	Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit
Implementation Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets	Ready to install applications (only some listed)
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) <i>Some:</i> AMD Radeon™ HD 8470 , DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express® 2.0 x16 adapter, one VGA, one DisplayPort, 25 watts, <i>Max resolution:</i> 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz <i>Some:</i> NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution:</i> 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz	<ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote • Intel AppUp • Intel Small Business Advantage • Nitro Pro • Intel Unite (vPro models only)
DP dongle	None	
Disk Optical	SATA 6.0Gb/s 7200 rpm, 3.5" wide <i>Some:</i> DVD-ROM DL SATA 1.5Gb/s 16-48X Max ⁴ Drive <i>Some:</i> Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA controller Onboard SATA	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)	
eSATA port Media reader	None	
Chipset	Intel Q87 Express Chipset	
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models	
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)	
PCle WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi/BT 4.0, 1x1 <i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
Bluetooth Audio	High Definition (HD) Audio, Realtek® ALC662 codec	
Speaker	Internal speaker for business audio (1 watt)	
IEEE 1394	None	
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®	
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)	
Modem	None	
Security chip	Trusted Platform Module (TPM1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Floor Stand	<i>Some:</i> System floor stand for vertical orientation	
Power supply	240 watts, autosensing, 85% PSU	
Machine	<ul style="list-style-type: none"> • SFF Pro (12.9L), business black color; metal case • (WxDxH) 13.31" X 14.76" X 4.02"; 338mm X 375mm X 102mm • 17.20 lb (7.8 kg) in maximum configuration • Toolless cover removal, adapter retention • Toolless disk and optical drive removal 	
Bay	Bay 1: 5.25", 1.6" high, external, std optical Bay 2: 3.5", 1" high, internal, std disk Bay 3: 2.5", N/A, internal, opt, come with opt 2.5" 2nd disk Bay 4: 3.5", 0.5" high, external, opt reader	
Slot	Slot 1: Low Profile, PCI Express 3.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x16 (x4 elec, 40w max) Slot 4: Low Profile, 32-bit PCI 2.3	
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	Security <ul style="list-style-type: none"> • Security chip (see information on left) • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Serial port I/O control • Individual USB port disablement • Chassis intrusion switch on selected model(s) EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

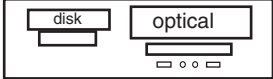
ThinkCentre M93p SFF Pro (10A8) - OID (win10)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Pro-processor	Memory ⁹	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Additional 2nd Front serial USB 2.0 port	Chassis intrusion switch	Floor stand	Intel vPro	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10A8004YUS	4x4	i5-4590	2GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	Switch	None	vPro* G O	Win10 Pro64	09/22/15

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- Onsite International Delivery (OID)

Positioning Processor	<p><i>Ultimate security, stability, and manageability for the enterprise</i></p> <p>Intel® Core™ i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p> <p>Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p> <p>Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p> <p>Intel Core i7-4790 Processor (4 cores / 8 threads, 3.6GHz, 8MB cache), Turbo Boost 2.0 (4.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p> <p>Processor in LGA1150 socket</p>											<p>Preloaded operating system</p> <p>Windows® 10 Pro 64-bit</p> <p>Preloaded applications (only some listed)</p> <ul style="list-style-type: none"> • Lenovo Companion • Lenovo Solution Center • Lenovo SHAREit • Lenovo REACHit • Desktop Power Manager • PC Device Stage • Microsoft® Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial) • Cyberlink Power2Go (DVD±RW, DVD) • Power2Go Create (DVD±RW) • Intel Unite (vPro models only) 			
Implementation	Processor in LGA1150 socket														
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets														
Graphics	<p>Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors;</p> <p><i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i></p> <p><i>Some: AMD Radeon™ HD 8470, DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express® 2.0 x16 adapter, one VGA, one DisplayPort, 25 watts, Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i></p> <p><i>Some: NVIDIA® GeForce® GT 620, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i></p>														
DP dongle	None														
Disk	SATA 6.0Gb/s 7200 rpm, 3.5" wide														
Optical	<p><i>Some: DVD-ROM DL SATA 1.5Gb/s 16-48X Max⁴ Drive</i></p> <p><i>Some: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive</i></p>														
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support														
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)														
eSATA port	None														
Media reader	None														
Chipset	Intel Q87 Express Chipset														
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)														
PCIe WLAN	<p><i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1</i></p> <p><i>Some: 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi/BT 4.0, 1x1</i></p> <p><i>Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter</i></p>														
Bluetooth	High Definition (HD) Audio, Realtek® ALC662 codec														
Audio	Internal speaker for business audio (1 watt)														
Speaker	None														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®														
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)														
Modem	None														
Security chip	Trusted Platform Module (TPM1.2-compliant)											<p>Security</p> <ul style="list-style-type: none"> • Security chip (see information on left) • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Serial port I/O control • Individual USB port disablement • Chassis intrusion switch on selected model(s) 			
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Floor Stand	<i>Some: System floor stand for vertical orientation</i>														
Power supply	240 watts, autosensing, 85% PSU														
Machine	<ul style="list-style-type: none"> • SFF Pro (12.9L), business black color; metal case • (WxDxH) 13.31" X 14.76" X 4.02"; 338mm X 375mm X 102mm • 17.20 lb (7.8 kg) in maximum configuration • Toolless cover removal, adapter retention • Toolless disk and optical drive removal 														
Bay	<p>Bay 1: 5.25", 1.6" high, external, std optical</p> <p>Bay 2: 3.5", 1" high, internal, std disk</p> <p>Bay 3: 2.5", N/A, internal, opt, come with opt 2.5" 2nd disk</p> <p>Bay 4: 3.5", 0.5" high, external, opt reader</p>											<p>EPEAT™ Gold rating</p> <p>ENERGY STAR® 6.0-compliant</p> <p>ULE Gold</p> <p>Cisco EnergyWise compatible</p> <p>GREENGUARD® certified</p> <p>RoHS-compliant</p>			
Slot	<p>Slot 1: Low Profile, PCI Express 3.0 x16 (40w max)</p> <p>Slot 2: Low Profile, PCIe 2.0 x1</p> <p>Slot 3: Low Profile, PCIe 2.0 x16 (x4 elec, 40w max)</p> <p>Slot 4: Low Profile, 32-bit PCI 2.3</p>											<p>Supports ThinkVantage Technologies</p> <p>For compatible accessories, please go to TC-AQP sheet;</p> <p>For Lenovo service upgrade options, please go to S-TC sheet</p>			
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available														

See footnotes for important warranty information

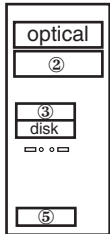
ThinkCentre M93p Mini Tower (10A6)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Additional Front USB 2.0	2nd serial port	Chassis intrusion switch	Intel vPro	Global	Preload	Ann date (mm/dd/yy)
10A6000UUS	4x5	i7-4770	4GBx2	1TB 7200	DVD±RW	None	Media	GT 620	None	Serial	None	vPro*	None	Win7 P64 DG Win8	06/18/13
10A6000VUS	4x5	i7-4770	4GBx2	500G 7200	DVD±RW	None	Media	HD 8570	None	Serial	None	vPro	None	Win7 P64 DG Win8	06/18/13
10A6000WUS	4x5	i7-4770	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	USB	None	None	vPro	None	Win7 P64 DG Win8	06/18/13
10A6002NUS	4x5	i5-4570	4GBx1	500G 7200	DVD±RW	None	None	HD 7450	USB	None	None	vPro	None	Win7 P64 DG Win8.1	02/04/14
10A6002PUS	4x5	i7-4770	8GBx1	1TB 7200	DVD±RW	None	None	HD 7450	USB	None	None	vPro	None	Win7 P64 DG Win8.1	02/04/14

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system			
Processor	Intel® Core™ i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											<i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit			
Implementation												Ready to install applications (only some listed)			
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											<ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager 			
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) <i>Some:</i> AMD Radeon HD 8570 , DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40 watts; <i>Max resolution:</i> 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz <i>Some:</i> NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution:</i> 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz <i>Some:</i> AMD Radeon™ HD 7450 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; <i>Max resolution:</i> 2560x1600 (DisplayPort, DVI-I)@60Hz											Preloaded applications (only some listed) <ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● Desktop Power Manager ● View Management Utility ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink PowerDVD (DVD±RW, DVD) ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Evernote ● Intel AppUp ● Intel Small Business Advantage ● Nitro Pro ● Intel Unite (vPro models only) 			
DP dongle	None														
Disk	SATA 6.0Gb/s 7200 rpm, 3.5" wide														
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive														
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support														
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)														
eSATA port	None														
Media reader	<i>Some:</i> 29-in-1 media reader, internal USB 2.0														
Chipset	Intel Q87 Express Chipset														
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)														
PCIe WLAN	None														
Bluetooth	None														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio (1.5 watt)														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®														
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)														
Modem	None														
Security chip	Trusted Platform Module (TPM1.2-compliant)											Security <ul style="list-style-type: none"> ● Security chip (see information on left) ● One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Serial port I/O control ● Individual USB port disablement ● Chassis intrusion switch on selected model(s) 			
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Power supply	280 watts, autosensing, 85% PSU														
Machine	<ul style="list-style-type: none"> ● Mini Tower (25L), business black color, metal case ● (WxDxH) 6.89" X 17.41" X 16.32"; 175mm X 442.3mm X 414.5mm ● 24.69 lb (11.20 kg) in maximum configuration ● Toolless cover removal, adapter retention ● Toolless disk, optical drive removal 														
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant			
Slot	Slot 1: half-length, full-height, PCIe 3.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x16 (x4 elec, 75w max) Slot 4: half-length, full-height, 32-bit PCI 2.3											Supports ThinkVantage Technologies			
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			

See footnotes for important warranty information
 US model(s) announced June 18, 2013 or February 4, 2014

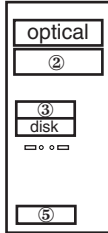
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 (MSS1T-1) February 2014

ThinkCentre M93p Mini Tower (10A6) - II

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ⁸	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Additional Graphics	2nd Front USB 2.0	serial port	Chassis intrusion switch	Intel vPro	Global	Preload	Ann date (mm/dd/yy)
10A6003EUS	4x5	i5-4590	4GBx1	500G 7200 DVD±RW	None	None	None	HD 4600	None	None	None	vPro*	None	Win7 P64 DG	Win8.1 10/28/14
10A6003DUS	4x5	i7-4790	4GBx1	1TB 7200 DVD±RW	7260 b/g/n	None	None	GT 620	None	None	None	vPro	None	Win7 P64 DG	Win8.1 10/28/14
10A6003GUS	4x5	i5-4590	4GBx1	1TB 7200 DVD±RW	7260 b/g/n	None	None	GT 620	None	None	None	vPro	None	Win7 P64 DG	Win8.1 10/28/14
10A6003AUS	4x5	i7-4790	4GBx1	500G 7200 DVD±RW	None	None	None	HD 4600	None	None	None	vPro	None	Win7 P64 DG	Win8.1 10/28/14
10A6003BUS	4x5	i7-4790	4GBx1	180G SSD DVD±RW	7260 b/g/n	None	None	HD 4600	None	None	None	vPro	None	Win7 P64 DG	Win8.1 10/28/14
10A6003FUS	4x5	i7-4790	8GBx1	1TB 7200 DVD±RW	7260 b/g/n	None	None	HD 8570	None	None	None	vPro	None	Win7 P64 DG	Win8.1 10/28/14
10A6003HUS	4x5	i5-4590	8GBx1	1TB 7200 DVD±RW	None	None	None	HD 4600	None	None	None	vPro	None	Win7 P64 DG	Win8.1 10/28/14
10A6003CUS	4x5	i7-4790	8GBx1	1TB 7200 DVD±RW	7260 b/g/n	None	None	HD 4600	None	None	None	vPro	None	Win7 P64 DG	Win8.1 10/28/14

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

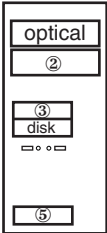
Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system			
Processor	Intel® Core™ i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											<i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit			
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)			
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 			
Graphics	Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking) <i>Some:</i> AMD Radeon HD 8570 , DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40 watts; <i>Max resolution:</i> 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz <i>Some:</i> NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution:</i> 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz <i>Some:</i> AMD Radeon™ HD 7450 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; <i>Max resolution:</i> 2560x1600 (DisplayPort, DVI-I)@60Hz											Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Intel Small Business Advantage Nitro Pro Intel Unite (vPro models only) 			
DP dongle	None														
Disk	SATA 6.0Gb/s 7200 rpm, 3.5" wide														
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive														
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support														
Onboard SATA	Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)														
eSATA port	None														
Media reader	<i>Some:</i> 29-in-1 media reader, internal USB 2.0														
Chipset	Intel Q87 Express Chipset														
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)														
PCIe WLAN	<i>Some:</i> 11b/g/n, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + BT 4.0 combo, 2x2														
Bluetooth	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio (1.5 watt)														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®														
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)														
Modem	None														
Security chip	Trusted Platform Module (TPM 1.2-compliant)											Security <ul style="list-style-type: none"> Security chip (see information on left) One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Serial port I/O control Individual USB port disablement Chassis intrusion switch on selected model(s) 			
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Power supply	280 watts, autosensing, 85% PSU														
Machine	<ul style="list-style-type: none"> Mini Tower (25L), business black color, metal case (WxDxH) 6.89" X 17.41" X 16.32"; 175mm X 442.3mm X 414.5mm 24.69 lb (11.20 kg) in maximum configuration Toolless cover removal, adapter retention Toolless disk, optical drive removal 														
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk														
Slot	Slot 1: half-length, full-height, PCIe 3.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x16 (x4 elec, 75w max) Slot 4: half-length, full-height, 32-bit PCI 2.3														
Limited Warranty	3-years, limited onsite service. 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			

See footnotes for important warranty information

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(MSS1T-5) October 2014

Type-model	Slot x bay	Processor	Memory ^o	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Additional Front USB 2.0	2nd serial port	Chassis intrusion switch	Intel vPro	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10A60017US	4x5	i5-4570	2GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	Switch	vPro*	G O	Win7 Pro64	06/18/13
10A60018US	4x5	i7-4770	4GBx1	1TB 7200	DVD±RW	Intel 105	None	HD 8470	USB	None	Switch	vPro*	G O	Win7 Pro64 (DG)	06/18/13
10A60019US	4x5	i5-4570	4GBx1	500G 7200	DVD±RW	Intel 105	None	HD 4600	USB	None	Switch	vPro	G O	Win7 Pro64 (DG)	06/18/13
10A6001DUS	4x5	i5-4570	4GBx1	500G 7200	DVD	Intel 105	None	HD 4600	USB	None	Switch	vPro	G O	Win7 Pro64 (DG)	08/20/13
10A6001EUS	4x5	i7-4770	4GBx1	1TB 7200	DVD	Intel 105	None	HD 8470	USB	None	Switch	vPro	G O	Win7 Pro64 (DG)	08/20/13
10A6001FUS	4x5	i5-4570	2GBx1	500G 7200	DVD	None	None	HD 4600	None	None	Switch	vPro	G O	Win7 Pro64	08/20/13
10A6001SUS	4x5	i7-4770	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	USB	Serial	None	vPro	G O	Win7 Pro64 (DG)	11/12/13
10A6001TUS	4x5	i5-4570	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	None	vPro	G O	Win7 Pro64 (DG)	11/12/13
10A6002SUS	4x5	i5-4590	2GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	Switch	vPro	G O	Win7 Pro64	06/10/14
10A6002YUS	4x5	i5-4590	4GBx1	500G 7200	DVD±RW	8723BE	None	HD 4600	None	None	Switch	vPro	G O	Win7 P64 DG Win8.1	07/08/14
10A60030US	4x5	i7-4790	4GBx1	1TB 7200	DVD±RW	8723BE	None	GT 620	None	None	Switch	vPro	G O	Win7 P64 DG Win8.1	07/08/14

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning Processor	<p><i>Ultimate security, stability, and manageability for the enterprise</i></p> <p>Intel® Core™ i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4790 Processor (4 cores / 8 threads, 3.6GHz, 8MB cache), Turbo Boost 2.0 (4.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket</p>	<p>Preloaded operating system</p> <p><i>Some:</i> Windows® 7 Professional 64 <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit</p> <p>Ready to install applications (only some listed)</p> <ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager <p>Preloaded applications (only some listed)</p> <ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● Desktop Power Manager ● View Management Utility ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink PowerDVD (DVD±RW, DVD) ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Evernote ● Intel AppUp ● Intel Small Business Advantage ● Nitro Pro ● Intel Unite (vPro models only)
Implementation Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets	
Graphics	<p>Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</p> <p><i>Some:</i> AMD Radeon™ HD 8470, DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express® 2.0 x16 adapter, one VGA, one DisplayPort, 25 watts, <i>Max resolution:</i> 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</p> <p><i>Some:</i> NVIDIA® Geforce® GT 620, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution:</i> 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</p>	
Disk Optical	<p>SATA 6.0Gb/s 7200 rpm, 3.5" wide</p> <p><i>Some:</i> DVD-ROM DL SATA 1.5Gb/s 16-48X Max⁴ Drive <i>Some:</i> Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive</p>	
SATA controller Onboard SATA	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support	
eSATA port	None	
Media reader	None	
Chipset	Intel Q87 Express Chipset	
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models	
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)	
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi/BT 4.0, 1x1 <i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
Bluetooth	High Definition (HD) Audio, Realtek® ALC662 codec	
Audio Speaker	Internal speaker for business audio (1.5 watt)	
IEEE 1394	None	
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®	
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)	
Security chip	Trusted Platform Module (TPM1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Power supply	280 watts, autosensing, 85% PSU	
Machine	<ul style="list-style-type: none"> ● Mini Tower (25L), business black color, metal case ● (WxDxH) 6.89" X 17.41" X 16.32"; 175mm X 442.3mm X 414.5mm ● 24.69 lb (11.20 kg) in maximum configuration ● Toolless cover removal, adapter retention ● Toolless disk, optical drive removal 	
Bay	<p>Bay 1: 5.25", 1.6" high, access, std optical</p> <p>Bay 2: 5.25", 1.6" high, access, open</p> <p>Bay 3: 3.5", 1" high, access, opt reader</p> <p>Bay 4: 3.5", 1" high, no access, std disk</p> <p>Bay 5: 3.5", 1" high, no access, opt disk</p>	
Slot	<p>Slot 1: half-length, full-height, PCIe 3.0 x16 (75w max)</p> <p>Slot 2: half-length, full-height, PCIe 2.0 x1</p> <p>Slot 3: half-length, full-height, PCIe 2.0 x16 (x4 elec, 75w max)</p> <p>Slot 4: half-length, full-height, 32-bit PCI 2.3</p>	<p>Security</p> <ul style="list-style-type: none"> ● Security chip (see information on left) ● One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Serial port I/O control ● Individual USB port disablement ● Chassis intrusion switch on selected model(s) <p>EPEAT™ Gold rating ENERGY STAR® 6.0-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant</p> <p>Supports ThinkVantage Technologies</p> <p>For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet</p>
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	

See footnotes for important warranty information

ThinkCentre M93p Mini Tower (10A6) - OID (Win10)

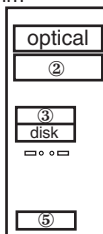
Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^o	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Additional Front USB 2.0	2nd serial port	Chassis intrusion switch	Intel vPro	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10A6003KUS	4x5	i5-4590	2GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	Switch	vPro*	G O	Win10 Pro64	09/22/15

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- Onsite International Delivery (OID)

Positioning Processor	<p><i>Ultimate security, stability, and manageability for the enterprise</i></p> <p>Intel® Core™ i5-4570 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4590 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4790 Processor (4 cores / 8 threads, 3.6GHz, 8MB cache), Turbo Boost 2.0 (4.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket</p>	<p>Preloaded operating system</p> <p>Windows® 10 Pro 64-bit</p> <p>Preloaded applications (only some listed)</p> <ul style="list-style-type: none"> • Lenovo Companion • Lenovo Solution Center • Lenovo SHAREit • Lenovo REACHit • Desktop Power Manager • PC Device Stage • Microsoft® Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial) • Cyberlink PowerDVD (DVD±RW, DVD) • PowerDVD Create (DVD±RW) • Intel Unite (vPro models only)
Implementation	Processor in LGA1150 socket	
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets	
Graphics	<p>Intel HD Graphics 4600 in processor, uses main memory, DirectX® 11, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support up to five independent monitors; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i></p> <p><i>Some: AMD Radeon™ HD 8470, DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express® 2.0 x16 adapter, one VGA, one DisplayPort, 25 watts, Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i></p> <p><i>Some: NVIDIA® Geforce® GT 620, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i></p>	
Disk Optical	<p>SATA 6.0Gb/s 7200 rpm, 3.5" wide</p> <p><i>Some: DVD-ROM DL SATA 1.5Gb/s 16-48X Max⁴ Drive</i> <i>Some: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive</i></p>	
SATA controller Onboard SATA	<p>Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support</p> <p>Two SATA cables (each 1-drop to device), three SATA 6.0Gb/s connectors, one eSATA connector (SATA 6.0Gb/s)</p>	
eSATA port	None	
Media reader	None	
Chipset	Intel Q87 Express Chipset	
Front ports	Two USB 3.0, two optional USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), ethernet (RJ-45), one VGA, two DisplayPort, additional VGA, DisplayPort, or HDMI ports on optional graphic card on some models	
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)	
PCIe WLAN	<p><i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1</i> <i>Some: 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi/BT 4.0, 1x1</i> <i>Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter</i></p>	
Bluetooth	High Definition (HD) Audio, Realtek® ALC662 codec	
Audio	Internal speaker for business audio (1.5 watt)	
Speaker	None	
IEEE 1394	None	
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®	
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)	
Security chip	Trusted Platform Module (TPM1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Power supply	280 watts, autosensing, 85% PSU	
Machine	<ul style="list-style-type: none"> • Mini Tower (25L), business black color, metal case • (WxDxH) 6.89" X 17.41" X 16.32"; 175mm X 442.3mm X 414.5mm • 24.69 lb (11.20 kg) in maximum configuration • Toolless cover removal, adapter retention • Toolless disk, optical drive removal 	
Bay	<p>Bay 1: 5.25", 1.6" high, access, std optical</p> <p>Bay 2: 5.25", 1.6" high, access, open</p> <p>Bay 3: 3.5", 1" high, access, opt reader</p> <p>Bay 4: 3.5", 1" high, no access, std disk</p> <p>Bay 5: 3.5", 1" high, no access, opt disk</p>	
Slot	<p>Slot 1: half-length, full-height, PCIe 3.0 x16 (75w max)</p> <p>Slot 2: half-length, full-height, PCIe 2.0 x1</p> <p>Slot 3: half-length, full-height, PCIe 2.0 x16 (x4 elec, 75w max)</p> <p>Slot 4: half-length, full-height, 32-bit PCI 2.3</p>	
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	



See footnotes for important warranty information



ThinkCentre M900 Tiny with optional floor stand, wireless Keyboard/mouse, and monitor



ThinkCentre M900 Tiny with optional floor stand



ThinkCentre M900 Tiny with optional VESA mount kit



ThinkCentre M900 Tiny with optional VGA port



ThinkCentre M900 Tiny with optional I/O box



ThinkCentre M900 Tiny with TIO

ThinkCentre M900 Tiny Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Security features	<ul style="list-style-type: none"> Security slot (in rear for optional Kensington® MicroSaver® cable) Administrator password Padlock loop Hard disk password Smart USB protection, allows keyboard/mouse only, blocks all storage devices Boot sequence control Power-on password Boot without keyboard and mouse Individual USB port disablement Chassis intrusion switch 																																																															
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> <th>Intel vPro</th> </tr> </thead> <tbody> <tr> <td>Pentium G4400T</td> <td>2 / 2</td> <td>2.9 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> <td>No</td> </tr> <tr> <td>Pentium G4500T</td> <td>2 / 2</td> <td>3.0 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i3-6100T</td> <td>2 / 4</td> <td>3.2 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i3-6300T</td> <td>2 / 4</td> <td>3.3 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i5-6400T</td> <td>4 / 4</td> <td>2.2 G / 2.8 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i5-6500T</td> <td>4 / 4</td> <td>2.5 G / 3.1 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> <tr> <td>Core i5-6600T</td> <td>4 / 4</td> <td>2.7 G / 3.5 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> <tr> <td>Core i7-6700T</td> <td>4 / 8</td> <td>2.8 G / 3.6 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro	Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510	No	Pentium G4500T	2 / 2	3.0 G	3 MB	DDR4-2133	HD 530	No	Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530	No	Core i3-6300T	2 / 4	3.3 G	4 MB	DDR4-2133	HD 530	No	Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530	No	Core i5-6500T	4 / 4	2.5 G / 3.1 G	6 MB	DDR4-2133	HD 530	vPro	Core i5-6600T	4 / 4	2.7 G / 3.5 G	6 MB	DDR4-2133	HD 530	vPro	Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530	vPro	Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo USB Fingerprint Keyboard (USB connector) <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black <i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro																																																												
Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510	No																																																												
Pentium G4500T	2 / 2	3.0 G	3 MB	DDR4-2133	HD 530	No																																																												
Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530	No																																																												
Core i3-6300T	2 / 4	3.3 G	4 MB	DDR4-2133	HD 530	No																																																												
Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530	No																																																												
Core i5-6500T	4 / 4	2.5 G / 3.1 G	6 MB	DDR4-2133	HD 530	vPro																																																												
Core i5-6600T	4 / 4	2.7 G / 3.5 G	6 MB	DDR4-2133	HD 530	vPro																																																												
Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530	vPro																																																												
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable	Mouse																																																																
Disk	<i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm <i>Some:</i> 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide <i>Some:</i> M.2 SSD, PCIe or SATA interface	Mechanical	Tiny (1L), black color; metal case M900 Tiny only: 7.05" W X 7.20" D X 1.36" H 179mm W X 182.9mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration With VESA mount & ODD box: 7.42" W X 7.30" D X 2.48" H 188.4mm W X 185.38mm D X 63mm H 4.12 lb (1.87 kg), weight may vary by configuration With VESA mount & I/O box: 7.42" W X 7.30" D X 2.62" H 188.4mm W X 185.38mm D X 66.6mm H 3.53 lb (1.6 kg), weight may vary by configuration Optional VESA mount bracket kit, supports VESA 75mm and 100mm Optional system floor stand for vertical orientation																																																															
Optical	<i>Some:</i> external ODD box with DVD-ROM, 9.5mm high, via USB <i>Some:</i> external ODD box with DVD±RW, 9.5mm high, via USB <i>Some:</i> external ODD box (for TIO) with DVD-ROM, 9.5mm high, via USB <i>Some:</i> external ODD box (for TIO) with DVD±RW, 9.5mm high, via USB	VESA mount																																																																
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar	Floor Stand	Optional system floor stand for vertical orientation																																																															
Media reader	None	Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models) 90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)																																																															
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional HDMI, VGA, or 3rd DP, up to 3 independent displays; <i>Max resolution:</i> 4096x2304 (DP)@60Hz; 4096x2160 (HDMI)@24Hz; 1920x1200 (VGA)@60Hz	Limited warranty ³	<i>Some:</i> 1-year or 3-year, depot service / service upgrades available <i>Some:</i> 1-year or 3-year, limited onsite service / service upgrades available <i>Some:</i> 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>																																																															
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Preload	Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit																																																															
Chipset	Intel Q170 Chipset		Preloaded applications (only some listed) <ul style="list-style-type: none"> Desktop Power Manager Lenovo Solution Center Lenovo REACHit Lenovo SHAREit Lenovo Bluetooth Lock (for models with Wi-Fi/BT card) McAfee® LiveSafe™ (30-day trial) Microsoft Office preloaded; purchase a product key to activate PowerDVD Create (DVD±RW) Lenovo ThinkVantage Tools Intel Unite (vPro models only) - Only for Window 10 Lenovo Companion Cyberlink PowerDVD (DVD, DVD±RW) Lenovo QuickOptimizer - Only for Window 7 Rescue and Recovery Password Manager ThinkVantage System Update Lenovo Message Center Plus Adobe® Reader® 																																																															
Front ports	Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	Environment	ENERGY STAR® 6.1*; EPEAT™ Gold rating*; (*Need 85% PSU and Windows OS); ErP Lot 3; GREENGUARD®; RoHS-compliant; TUV Green Mark, ULE Gold																																																															
Rear ports	Four USB 3.0 (optional external optical box or external I/O box occupies one or two specific USB 3.0 on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, HDMI, or serial on some models), one headphone	Accessories	For compatible accessories, please go to TC-AQP sheet																																																															
I/O box	Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M900 Tiny)																																																																	
Audio support	High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)																																																																	
WLAN ¹³	<i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, Intel vPro technology support, 2x2																																																																	
Bluetooth™	<i>Some:</i> Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter																																																																	
Ethernet	Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®																																																																	
Modem	None																																																																	
Manageability	Intel Active Management Technology 11.0 (Intel AMT 11.0); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)																																																																	
Security chip	Trusted Platform Module, TCG 1.2-compliant																																																																	

See footnotes for more detailed information

ThinkCentre M900 Tiny (10FM) - TopSeller

Product Specifications Reference (PSREF)

Model	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	DP Dongle	Chassis Intrusion Switch	Floor Stand	VESA Mount	Key-board/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Dust Filter	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10FM0006US	i5-6500T	4GBx1	Intel HD 530	120GB SSD	None	8260 ac vPro	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	10/15
10FM0007US	i5-6500T	4GBx1	Intel HD 530	500GB 7200	None	8260 ac vPro	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	10/15
10FM0008US	i7-6700T	8GBx1	Intel HD 530	120GB SSD	DVD±RW	8260 ac vPro	HDMI	None	Switch	None	Mount	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	10/15
10FM0009US	i5-6500T	4GBx1	Intel HD 530	500GB 7200	None	8260 ac vPro	None	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	10/15
10FM000AUS	i5-6500T	4GBx1	Intel HD 530	120GB SSD	DVD±RW	8260 ac vPro	HDMI	None	Switch	None	Mount	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	10/15
10FM000BUS	i7-6700T	8GBx1	Intel HD 530	120GB SSD	None	8260 ac vPro	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	10/15
10FM0014US	i5-6500T	8GBx1	Intel HD 530	128GB SSD	DVD±RW	8260 ac vPro	HDMI	None	Switch	None	Mount	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM0017US	i5-6500T	4GBx1	Intel HD 530	128GB SSD	None	8260 ac vPro	HDMI	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM0018US	i7-6700T	8GBx1	Intel HD 530	180GB SSD opal	DVD±RW	8260 ac vPro	HDMI	None	Switch	None	Mount	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM0019US	i7-6700T	8GBx1	Intel HD 530	256GB SSD opal	DVD±RW	8260 ac vPro	Serial	None	Switch	None	Mount	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001AUS	i7-6700T	8GBx1	Intel HD 530	500GB 7200	DVD±RW	8260 ac vPro	None	None	Switch	None	Mount	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001BUS	i7-6700T	8GBx1	Intel HD 530	256GB SSD opal	DVD±RW	8260 ac vPro	HDMI	None	Switch	None	Mount	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001CUS	i5-6500T	4GBx1	Intel HD 530	500GB 7200	DVD±RW	8260 ac vPro	None	None	Switch	None	Mount	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001DUS	i7-6700T	8GBx1	Intel HD 530	180GB SSD opal	DVD±RW	8260 ac vPro	3rd DP	None	Switch	None	Mount	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15

• For detailed platform specifications, please see [ThinkCentre M900 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Bluetooth™ Ethernet Modem	Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, vPro, 2x2 Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN® None																																																															
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> <th>Intel vPro</th> </tr> </thead> <tbody> <tr> <td>Pentium G4400T</td> <td>2 / 2</td> <td>2.9 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> <td>No</td> </tr> <tr> <td>Pentium G4500T</td> <td>2 / 2</td> <td>3.0 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i3-6100T</td> <td>2 / 4</td> <td>3.2 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i3-6300T</td> <td>2 / 4</td> <td>3.3 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i5-6400T</td> <td>4 / 4</td> <td>2.2 G / 2.8 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i5-6500T</td> <td>4 / 4</td> <td>2.5 G / 3.1 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> <tr> <td>Core i5-6600T</td> <td>4 / 4</td> <td>2.7 G / 3.5 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> <tr> <td>Core i7-6700T</td> <td>4 / 8</td> <td>2.8 G / 3.6 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro	Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510	No	Pentium G4500T	2 / 2	3.0 G	3 MB	DDR4-2133	HD 530	No	Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530	No	Core i3-6300T	2 / 4	3.3 G	4 MB	DDR4-2133	HD 530	No	Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530	No	Core i5-6500T	4 / 4	2.5 G / 3.1 G	6 MB	DDR4-2133	HD 530	vPro	Core i5-6600T	4 / 4	2.7 G / 3.5 G	6 MB	DDR4-2133	HD 530	vPro	Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530	vPro	Manageability	Intel Active Management Technology 11.0 (Intel AMT 11.0); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro																																																												
Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510	No																																																												
Pentium G4500T	2 / 2	3.0 G	3 MB	DDR4-2133	HD 530	No																																																												
Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530	No																																																												
Core i3-6300T	2 / 4	3.3 G	4 MB	DDR4-2133	HD 530	No																																																												
Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530	No																																																												
Core i5-6500T	4 / 4	2.5 G / 3.1 G	6 MB	DDR4-2133	HD 530	vPro																																																												
Core i5-6600T	4 / 4	2.7 G / 3.5 G	6 MB	DDR4-2133	HD 530	vPro																																																												
Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530	vPro																																																												
		Security chip	Trusted Platform Module, TCG 1.2-compliant																																																															
		Security features	<ul style="list-style-type: none"> Security slot (in rear for optional Kensington® MicroSaver® cable) Administrator password Padlock loop Hard disk password Smart USB protection, allows keyboard/ mouse only, blocks all storage devices Boot sequence control Power-on password Boot without keyboard and mouse Individual USB port disablement Chassis intrusion switch 																																																															
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable	Keyboard	Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector) Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black																																																															
Disk	Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: M.2 SSD, PCIe or SATA interface	Mouse	Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																															
Optical	Some: external ODD box with DVD or DVD±RW, 9.5mm high, via USB Some: external ODD box (for TIO) with DVD or DVD±RW, 9.5mm high, via USB	Mechanical	Tiny (1L), black color; metal case M900 Tiny only: 7.05" W X 7.20" D X 1.36" H 179mm W X 182.9mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration																																																															
Onboard SATA Media reader	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar None	VESA mount Floor Stand	Optional VESA mount bracket kit, supports VESA 75mm and 100mm Optional system floor stand for vertical orientation																																																															
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional HDMI, VGA, or 3rd DP, up to 3 independent displays; Max resolution: 4096x2304 (DP) @60Hz; 4096x2160 (HDMI) @24Hz; 1920x1200 (VGA) @60Hz	Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models) 90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)																																																															
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Limited warranty ³	Some: 1-year or 3-year, depot service / service upgrades available Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																																																															
Chipset	Intel Q170 Chipset	Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit																																																															
Front ports	Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)																																																																	
Rear ports	Four USB 3.0 (optional external optical box or external I/O box occupies one or two specific USB 3.0 on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, HDMI, or serial on some models), one headphone																																																																	
I/O box	Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M900 Tiny)																																																																	
Audio support	High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)																																																																	
WLAN ¹³	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2																																																																	

See footnotes for more detailed information

ThinkCentre M900 Tiny (10FM) - TopSeller - II

Product Specifications Reference (PSREF)

Model	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	DP Dongle	Chassis Intrusion Switch	Floor Stand	VESA Mount	Key-board/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Dust Filter	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10FM001EUS	i5-6500T	4GBx1	Intel HD 530	500GB 7200	DVD±RW	8260 ac vPro	3rd DP	None	Switch	None	Mount	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001FUS	i5-6500T	8GBx1	Intel HD 530	256GB SSD opal	DVD±RW	8260 ac vPro	HDMI	None	Switch	None	Mount	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001GUS	i7-6700T	8GBx1	Intel HD 530	128GB SSD	None	8260 ac vPro	HDMI	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001HUS	i5-6500T	8GBx1	Intel HD 530	192GB SSD	DVD±RW	8260 ac vPro	HDMI	None	Switch	None	Mount	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001JUS	i7-6700T	8GBx1	Intel HD 530	128GB SSD	DVD±RW	8260 ac vPro	3rd DP	None	Switch	None	Mount	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001KUS	i7-6700T	8GBx1	Intel HD 530	192GB SSD	DVD±RW	8260 ac vPro	HDMI	None	Switch	None	Mount	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001LUS	i7-6700T	8GBx1	Intel HD 530	192GB SSD	DVD±RW	8260 ac vPro	3rd DP	None	Switch	None	Mount	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001MUS	i5-6500T	4GBx1	Intel HD 530	128GB SSD	DVD±RW	8260 ac vPro	3rd DP	None	Switch	None	Mount	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001NUS	i5-6500T	4GBx1	Intel HD 530	128GB SSD	None	8260 ac vPro	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001PUS	i5-6500T	4GBx1	Intel HD 530	500GB 7200	None	8260 ac vPro	Serial	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001QUS	i5-6500T	4GBx1	Intel HD 530	128GB SSD	None	8260 ac vPro	None	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001RUS	i5-6500T	8GBx1	Intel HD 530	192GB SSD	None	8260 ac vPro	None	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001SUS	i5-6500T	8GBx1	Intel HD 530	180GB SSD opal	None	8260 ac vPro	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001TUS	i5-6500T	4GBx1	Intel HD 530	500GB 7200	None	8260 ac vPro	HDMI	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15

• For detailed platform specifications, please see [ThinkCentre M900 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Bluetooth™ Ethernet Modem	Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, vPro, 2x2 Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN® None																																																															
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Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro																																																												
Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510	No																																																												
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Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530	No																																																												
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		Security chip	Trusted Platform Module, TCG 1.2-compliant																																																															
		Security features	<ul style="list-style-type: none"> Security slot (in rear for optional Kensington® MicroSaver® cable) Administrator password Padlock loop Hard disk password Smart USB protection, allows keyboard/ mouse only, blocks all storage devices Boot sequence control Power-on password Boot without keyboard and mouse Individual USB port disablement Chassis intrusion switch 																																																															
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable	Keyboard	Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector) Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black																																																															
Disk	Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: M.2 SSD, PCIe or SATA interface	Mouse	Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																															
Optical	Some: external ODD box with DVD or DVD±RW, 9.5mm high, via USB Some: external ODD box (for TIO) with DVD or DVD±RW, 9.5mm high, via USB	Mechanical	Tiny (1L), black color; metal case M900 Tiny only: 7.05" W X 7.20" D X 1.36" H 179mm W X 182.9mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration																																																															
Onboard SATA Media reader	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar None	VESA mount Floor Stand	Optional VESA mount bracket kit, supports VESA 75mm and 100mm Optional system floor stand for vertical orientation																																																															
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional HDMI, VGA, or 3rd DP, up to 3 independent displays; Max resolution: 4096x2304 (DP) @60Hz; 4096x2160 (HDMI) @24Hz; 1920x1200 (VGA) @60Hz	Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models) 90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)																																																															
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Limited warranty ³	Some: 1-year or 3-year, depot service / service upgrades available Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																																																															
Chipset	Intel Q170 Chipset	Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit																																																															
Front ports	Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)																																																																	
Rear ports	Four USB 3.0 (optional external optical box or external I/O box occupies one or two specific USB 3.0 on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, HDMI, or serial on some models), one headphone																																																																	
I/O box	Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M900 Tiny)																																																																	
Audio support	High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)																																																																	
WLAN ¹³	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2																																																																	

See footnotes for more detailed information

ThinkCentre M900 Tiny (10FM) - TopSeller - III

Product Specifications Reference (PSREF)

Model	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	DP Dongle	Chassis Intrusion Switch	Floor Stand	VESA Mount	Key-board/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Dust Filter	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10FM001UUS	i5-6500T	8GBx1	Intel HD 530	256GB SSD opal	None	8260 ac vPro	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001VUS	i7-6700T	8GBx1	Intel HD 530	128GB SSD	None	8260 ac vPro	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001WUS	i7-6700T	8GBx1	Intel HD 530	192GB SSD	None	8260 ac vPro	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001XUS	i7-6700T	8GBx1	Intel HD 530	500GB 7200	None	8260 ac vPro	None	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM001YUS	i7-6700T	8GBx1	Intel HD 530	180GB SSD opal	None	8260 ac vPro	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM0020US	i7-6700T	8GBx1	Intel HD 530	128GB SSD	None	8260 ac vPro	None	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM0021US	i7-6700T	8GBx1	Intel HD 530	256GB SSD opal	None	8260 ac vPro	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	12/15
10FM0022US	i7-6700T	8GBx1	Intel HD 530	128GB SSD	None	8260 ac vPro	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win10 Pro 64	3-onsite	No	12/15
10FM0023US	i5-6500T	4GBx1	Intel HD 530	500GB 7200	DVD±RW	8260 ac vPro	3rd DP	None	Switch	None	Mount	USB	Speaker	65W	None	None	Win10 Pro 64	3-onsite	No	12/15
10FM0024US	i5-6500T	8GBx1	Intel HD 530	128GB SSD	DVD±RW	8260 ac vPro	3rd DP	None	Switch	None	Mount	USB	Speaker	65W	None	None	Win10 Pro 64	3-onsite	No	12/15
10FM0025US	i7-6700T	8GBx1	Intel HD 530	128GB SSD	DVD±RW	8260 ac vPro	3rd DP	None	Switch	None	Mount	USB	Speaker	65W	None	None	Win10 Pro 64	3-onsite	No	12/15
10FM0026US	i5-6500T	8GBx1	Intel HD 530	128GB SSD	None	8260 ac vPro	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win10 Pro 64	3-onsite	No	12/15
10FM0027US	i5-6500T	4GBx1	Intel HD 530	500GB 7200	None	8260 ac vPro	3rd DP	None	Switch	Stand	None	USB	Speaker	65W	None	None	Win10 Pro 64	3-onsite	No	12/15

• For detailed platform specifications, please see [ThinkCentre M900 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Bluetooth™ Ethernet Modem	Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, vPro, 2x2 Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN® None																																																															
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		Security chip	Trusted Platform Module, TCG 1.2-compliant																																																															
		Security features	<ul style="list-style-type: none"> Security slot (in rear for optional Kensington® MicroSaver® cable) Padlock loop Smart USB protection, allows keyboard/ mouse only, blocks all storage devices Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Chassis intrusion switch 																																																															
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable	Keyboard	Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector) Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black																																																															
Disk	Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: M.2 SSD, PCIe or SATA interface	Mouse	Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																															
Optical	Some: external ODD box with DVD or DVD±RW, 9.5mm high, via USB Some: external ODD box (for TIO) with DVD or DVD±RW, 9.5mm high, via USB	Mechanical	Tiny (1L), black color; metal case M900 Tiny only: 7.05" W X 7.20" D X 1.36" H 179mm W X 182.9mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration																																																															
Onboard SATA Media reader	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar None	VESA mount Floor Stand	Optional VESA mount bracket kit, supports VESA 75mm and 100mm Optional system floor stand for vertical orientation																																																															
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional HDMI, VGA, or 3rd DP, up to 3 independent displays; Max resolution: 4096x2304 (DP) @60Hz; 4096x2160 (HDMI) @24Hz; 1920x1200 (VGA) @60Hz	Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models) 90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)																																																															
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Limited warranty ³	Some: 1-year or 3-year, depot service / service upgrades available Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																																																															
Chipset	Intel Q170 Chipset	Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit																																																															
Front ports	Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)																																																																	
Rear ports	Four USB 3.0 (optional external optical box or external I/O box occupies one or two specific USB 3.0 on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, HDMI, or serial on some models), one headphone																																																																	
I/O box	Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M900 Tiny)																																																																	
Audio support	High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)																																																																	
WLAN ¹³	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2																																																																	

See footnotes for more detailed information

ThinkCentre M900 Tiny (10FM) - TopSeller - IV

Product Specifications Reference (PSREF)

Model	Processor	Memory	Graphics	Storage	External Optical / I/O box	WLAN	Optional Port	DP Dongle	Chassis Intrusion Switch	Floor Stand	VESA Mount	Keyboard/ Mouse	Internal Speaker	Power Supply	Kensington Cable Lock	Dust Filter	Preload	Base Warranty (year)	Global	Ann Date (mm/yy)
10FM002UUS	i5-6500T	4GBx1	Intel HD 530	500GB 7200 rpm	DVD±RW	8260 ac vPro	VGA	None	Switch	None	Mount	USB / USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10FM002VUS	i5-6500T	4GBx1	Intel HD 530	500GB 7200 rpm	DVD±RW	8260 ac vPro	VGA	None	Switch	None	Mount	USB / None	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10FM002TUS	i7-6700T	8GBx1	Intel HD 530	256GB SSD opal	None	8260 ac vPro	VGA	None	Switch	Stand	None	USB / USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	01/16
10FM0031US	i5-6500T	8GBx1	Intel HD 530	128GB SSD	None	8260 ac vPro	VGA	None	Switch	Stand	None	USB / USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	03/16
10FM0030US	i5-6600T	8GBx1	Intel HD 530	128GB SSD	None	8260 ac vPro	3rd DP	None	Switch	Stand	None	USB / USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	03/16
10FM0032US	i5-6600T	8GBx1	Intel HD 530	500GB 7200 rpm	None	8260 ac vPro	3rd DP	None	Switch	Stand	None	USB / USB	Speaker	65W	None	None	Win7 P64 DG Win10	3-onsite	No	03/16

• For detailed platform specifications, please see [ThinkCentre M900 Tiny Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor							Bluetooth™ Ethernet Modem Manageability Security chip Security features	Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, vPro, 2x2 Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN® None Intel Active Management Technology 11.0 (Intel AMT 11.0); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection) Trusted Platform Module, TCG 1.2-compliant • Security slot (in rear for optional Kensington® MicroSaver® cable) • Padlock loop • Smart USB protection, allows keyboard/ mouse only, blocks all storage devices • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro		
	Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510	No		
	Pentium G4500T	2 / 2	3.0 G	3 MB	DDR4-2133	HD 530	No		
	Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530	No		
	Core i3-6300T	2 / 4	3.3 G	4 MB	DDR4-2133	HD 530	No		
	Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530	No		
	Core i5-6500T	4 / 4	2.5 G / 3.1 G	6 MB	DDR4-2133	HD 530	vPro		
	Core i5-6600T	4 / 4	2.7 G / 3.5 G	6 MB	DDR4-2133	HD 530	vPro		
Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530	vPro			
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable							Keyboard Mouse Mechanical VESA mount Floor Stand Power supply Limited warranty ³ Preload	
Disk	Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: M.2 SSD, PCIe or SATA interface								
Optical	Some: external ODD box with DVD or DVD±RW, 9.5mm high, via USB Some: external ODD box (for TIO) with DVD or DVD±RW, 9.5mm high, via USB								
Onboard SATA Media reader	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar None								
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, two DisplayPort™, one optional HDMI, VGA, or 3rd DP, up to 3 independent displays; Max resolution: 4096x2304 (DP) @60Hz; 4096x2160 (HDMI) @24Hz; 1920x1200 (VGA) @60Hz								
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle								
Chipset	Intel Q170 Chipset								
Front ports	Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)								
Rear ports	Four USB 3.0 (optional external optical box or external I/O box occupies one or two specific USB 3.0 on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, HDMI, or serial on some models), one headphone								
I/O box	Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M900 Tiny)								
Audio support	High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)								
WLAN ¹³	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2								

See footnotes for more detailed information



ThinkCentre M900 SFF
optional monitor



ThinkCentre M900 SFF



ThinkCentre M900 SFF
top view



ThinkCentre M900 SFF
bottom view



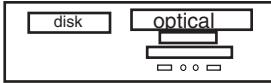
ThinkCentre M900 SFF
front and back view



ThinkCentre M900 SFF
left and right view

ThinkCentre M900 SFF Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor							Manageability Intel Active Management Technology 11.0 (Intel AMT 11.0); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro	
	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	No	
	Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530	No	
	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	No	
	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	No	
	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	No	
	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	vPro	
Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	vPro		
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	vPro		
Memory	64GB max, UDIMM, DDR4 2133, four 288-pin DIMM sockets, dual-channel capable							Security chip Trusted Platform Module, TCG 1.2-compliant
Disk	<i>Some:</i> Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm <i>Some:</i> Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide <i>Some:</i> M.2 SSD, PCIe NVMe, PCIe 3.0 x4, 32Gb/s <i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive <i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive							
Optical								
Onboard SATA	Four onboard SATA 6.0Gb/s connectors, one is eSATA connector for optional rear eSATA port, RAID 0, 1 support							
Media reader	Optional 7-in-1 media reader							
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support more displays; <i>Max resolution:</i> 4096x2304 (DP)@60Hz; 1920x1200 (VGA)@60Hz <i>Some:</i> NVIDIA® Quadro® K420 , DirectX 12, 2GB, PCIe 2.0 x16 adapter, one DVI-I, one DisplayPort, 41 watts; <i>Max resolution:</i> 3840x2160 (DisplayPort)@60Hz; 2560x1600 (DVI-I)@60Hz <i>Some:</i> NVIDIA GeForce® GT 720 , DirectX 12, 2GB, PCIe 2.0 x8 adapter, one VGA, one HDMI, 25 watts; <i>Max resolution:</i> 1920x1080 (HDMI)@60Hz; 2048x1536 (VGA)@85Hz <i>Some:</i> NVIDIA GeForce GT 720 , DirectX 12, 1GB, PCIe 2.0 x8 adapter, two DisplayPort, 25 watts; <i>Max resolution:</i> 3840x2160 (DisplayPort)@60Hz;							
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle							
Chipset	Intel Q170 Chipset							
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)							
Rear ports	Six USB 3.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional PS/2 ports (keyboard/mouse), one optional eSATA port additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models							
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)							
IEEE 1394	None							
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)							
WLAN ¹³	<i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, Intel vPro technology support, 2x2							
Bluetooth™	<i>Some:</i> Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter							
Ethernet	Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®							
Modem	None							
Security features	<ul style="list-style-type: none"> • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> - Padlock loop (in rear for opt padlock) - Security slot (in rear for optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional chassis intrusion switch 							
Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo USB Fingerprint Keyboard (USB connector) <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black <i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black							
Mouse								
Mechanical	<ul style="list-style-type: none"> • SFF (9.7L), black color; metal case • (WxDxH) 13.31" X 14.05" X 3.46"; 338mm X 357mm X 88mm • 12.3 lb (5.6 kg) • Toolless cover, disk, optical removal • Toolless graphics, PCI adapter retention • Optional dust filter  <p>Bay 1: N/A, 9.5mm high, external, std optical Bay 2: 3.5", 1" high, internal, std disk Bay 3: 2.5", N/A, internal, opt 2nd 2.5" disk (optional bay) Bay 4: N/A, N/A, external, opt reader Slot 1: Low Profile, PCI Express 3.0 x16 (45w max) Slot 2: Low Profile, PCIe 3.0 x1 Slot 3: Low Profile, PCIe 3.0 x16 (x4 elec, 45w max) Slot 4: Low Profile, optional 32-bit PCI 2.3 (via M.2 to PCI adaptor)</p>							
Floor Stand	Optional system floor stand for vertical orientation							
Power supply	210 watts, autosensing, 85% PSU							
Limited warranty ³	<i>Some:</i> 1-year or 3-year, limited onsite service / service upgrades available <i>Some:</i> 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>							
Preload	Preloaded operating system		Preloaded applications (only some listed)					
	<i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit		<ul style="list-style-type: none"> • Desktop Power Manager • Lenovo Solution Center • Lenovo REACHit • Lenovo SHAREit • Lenovo Bluetooth Lock (for models with Wi-Fi/BT card) • McAfee® LiveSafe™ (30-day trial) • Microsoft Office preloaded; purchase a product key to activate • PowerDVD Create (DVD±RW) • Lenovo ThinkVantage Tools • Intel Unite (vPro models only) - Only for Window 10 • Lenovo Companion • Cyberlink PowerDVD (DVD, DVD±RW) • Lenovo QuickOptimizer - Only for Window 7 • Rescue and Recovery • Password Manager • ThinkVantage System Update • Lenovo Message Center Plus • Adobe® Reader® 					
Environment	ENERGY STAR® 6.1*; EPEAT™ Gold rating*; (*Need 85% PSU and Windows OS); ErP Lot 3; GREENGUARD®; RoHS-compliant; TUV Green Mark, ULE Gold							
Accessories	For compatible accessories, please go to TC-AQP sheet							

See footnotes for more detailed information

ThinkCentre M900 SFF (10FH) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Storage	Optical	Optional 2.5" Bay	WLAN	Media reader	Graphics	DP dongle	Optional front ports	Optional rear ports	Chassis intrusion switch	Floor stand	PCI slot	Dust filter	vPro	Key-board/Mouse	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10FH000KUS	i5-6500	4GBx1	500GB 7200 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro	USB	3-onsite, OID	No	Win7 P64 DG Win10	11/15
10FH000LUS	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	None	8260 ac vPro	None	GT 720 1GB	None	None	None	None	Stand	None	None	vPro	USB	3-onsite, OID	No	Windows 10 Pro64	11/15
10FH000MUS	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	None	8260 ac vPro	None	GT 720 1GB	None	None	None	None	Stand	None	None	vPro	USB	3-onsite, OID	No	Win7 P64 DG Win10	11/15
10FH000NUS	i5-6500	4GBx1	500GB 7200 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro	USB	3-onsite, OID	No	Windows 10 Pro64	11/15
10FH001YUS	i5-6500	4GBx1	500GB 7200 3.5	DVD±RW	2.5 bay	None	None	GT 720 1GB	None	None	None	None	Stand	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FH0020US	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	2.5 bay	None	None	GT 720 1GB	None	None	None	None	Stand	None	None	vPro	USB	3-onsite	No	Windows 10 Pro64	12/15
10FH0021US	i5-6500	4GBx1	180GB SSD opal	DVD±RW	2.5 bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FH0022US	i5-6500	8GBx1	256GB SSD opal	DVD±RW	2.5 bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FH0023US	i5-6500	8GBx1	192GB SSD	DVD±RW	2.5 bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro	USB	3-onsite	No	Windows 10 Pro64	12/15
10FH0024US	i5-6500	8GBx1	1TB 7200 3.5	DVD±RW	2.5 bay	8260 ac vPro	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro	USB	3-onsite, OID	No	Win7 P64 DG Win10	12/15
10FH0025US	i7-6700	8GBx1	256GB SSD opal	DVD±RW	2.5 bay	None	None	GT 720 1GB	None	None	None	None	Stand	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FH0026US	i5-6500	8GBx1	180GB SSD opal	DVD±RW	2.5 bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro	USB	3-onsite	No	Windows 10 Pro64	12/15
10FH0027US	i7-6700	8GBx1	256GB SSD opal	DVD±RW	2.5 bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	12/15

• For detailed platform specifications, please see [ThinkCentre M900 SFF Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	WLAN ¹³	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, vPro, 2x2 Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®																																																														
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> <th>Intel vPro</th> </tr> </thead> <tbody> <tr> <td>Pentium G4400</td> <td>2 / 2</td> <td>3.3G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> <td>No</td> </tr> <tr> <td>Pentium G4500</td> <td>2 / 2</td> <td>3.5G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i3-6100</td> <td>2 / 4</td> <td>3.7 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i3-6300</td> <td>2 / 4</td> <td>3.8 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i5-6400</td> <td>4 / 4</td> <td>2.7 G / 3.3 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i5-6500</td> <td>4 / 4</td> <td>3.2 G / 3.6 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> <tr> <td>Core i5-6600</td> <td>4 / 4</td> <td>3.3 G / 3.9 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> <tr> <td>Core i7-6700</td> <td>4 / 8</td> <td>3.4 G / 4.0 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	No	Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530	No	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	No	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	No	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	No	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	vPro	Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	vPro	Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	vPro	Bluetooth™ Ethernet
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro																																																											
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	No																																																											
Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530	No																																																											
Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	No																																																											
Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	No																																																											
Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	No																																																											
Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	vPro																																																											
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Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	vPro																																																											
Manageability	Intel Active Management Technology 11.0 (Intel AMT 11.0); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)	Security chip	Trusted Platform Module, TCG 1.2-compliant																																																														
Security features	<ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional chassis intrusion switch 																																																																
Memory	64GB max, UDIMM, DDR4 2133, four 288-pin DIMM sockets, dual-channel capable	Keyboard	Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector)																																																														
Disk	Some: Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: M.2 SSD, PCIe NVMe, PCIe 3.0 x4, 32Gb/s	Mouse	Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																														
Optical	Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Mechanical	<ul style="list-style-type: none"> SFF (9.7L), black color; metal case (WxDxH) 13.31" X 14.05" X 3.46"; 338mm X 357mm X 88mm 12.3 lb (5.6 kg) Toolless cover, disk, optical removal Toolless graphics, PCI adapter retention Optional dust filter 																																																														
Onboard SATA	Four SATA 6.0Gb/s connectors, one is eSATA for optional rear eSATA port, RAID 0, 1 support	Floor Stand	Optional system floor stand for vertical orientation																																																														
Media reader	Optional 7-in-1 media reader	Power supply	210 watts, autosensing, 85% PSU																																																														
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™ Some: NVIDIA® Quadro® K420, DirectX 12, 2GB, one DVI-I, one DisplayPort; Some: NVIDIA GeForce® GT 720, DirectX 12, 2GB, one VGA, one HDMI; Some: NVIDIA GeForce GT 720, DirectX 12, 1GB, two DisplayPort; Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Limited warranty ³	Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																																																														
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit																																																														
Chipset	Intel Q170 Chipset																																																																
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)																																																																
Rear ports	Six USB 3.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional PS/2 ports (keyboard/mouse), one optional eSATA port additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models																																																																
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)																																																																
IEEE 1394	None																																																																
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)																																																																

See footnotes for more detailed information

ThinkCentre M900 SFF (10FH) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Storage	Optical	Optional 2.5" Bay	WLAN	Media reader	Graphics	DP dongle	Optional front ports	Optional rear ports	Chassis intrusion switch	Floor stand	PCI slot	Dust filter	vPro	Key-board/ Mouse	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10FH0028US	i5-6500	4GBx1	128GB SSD	DVD±RW	2.5 bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FH0029US	i5-6500	4GBx1	192GB SSD	DVD±RW	2.5 bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FH002AUS	i7-6700	8GBx1	256GB SSD opal	DVD±RW	2.5 bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro	USB	3-onsite	No	Windows 10 Pro64	12/15
10FH002BUS	i5-6500	4GBx1	500GB 7200 3.5	DVD±RW	2.5 bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro	USB	3-onsite, OID	No	Win7 P64 DG Win10	12/15
10FH002CUS	i5-6500	8GBx1	500GB 7200 3.5	DVD±RW	2.5 bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro	USB	3-onsite, OID	No	Win7 P64 DG Win10	12/15
10FH002DUS	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	2.5 bay	None	None	GT 720 1GB	None	None	None	None	Stand	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FH002EUS	i5-6500	8GBx1	1TB 7200 3.5	DVD±RW	2.5 bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FH002FUS	i5-6500	8GBx1	1TB 7200 3.5	DVD±RW	2.5 bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro	USB	3-onsite, OID	No	Win7 P64 DG Win10	12/15
10FH002GUS	i5-6500	8GBx1	1TB 7200 3.5	DVD±RW	2.5 bay	None	None	GT 720 1GB	None	None	None	None	Stand	None	None	vPro	USB	3-onsite	No	Windows 10 Pro64	12/15
10FH002HUS	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	2.5 bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro	USB	3-onsite, OID	No	Win7 P64 DG Win10	12/15
10FH002JUS	i5-6500	8GBx1	128GB SSD	DVD±RW	2.5 bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FH002KUS	i5-6500	4GBx1	500GB 7200 3.5	DVD±RW	2.5 bay	8260 ac vPro	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro	USB	3-onsite, OID	No	Win7 P64 DG Win10	12/15
10FH002LUS	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	2.5 bay	8260 ac vPro	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro	USB	3-onsite, OID	No	Win7 P64 DG Win10	12/15

• For detailed platform specifications, please see [ThinkCentre M900 SFF Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	WLAN ¹³	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, vPro, 2x2 Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®																																																														
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> <th>Intel vPro</th> </tr> </thead> <tbody> <tr> <td>Pentium G4400</td> <td>2 / 2</td> <td>3.3G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> <td>No</td> </tr> <tr> <td>Pentium G4500</td> <td>2 / 2</td> <td>3.5G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i3-6100</td> <td>2 / 4</td> <td>3.7 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i3-6300</td> <td>2 / 4</td> <td>3.8 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i5-6400</td> <td>4 / 4</td> <td>2.7 G / 3.3 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i5-6500</td> <td>4 / 4</td> <td>3.2 G / 3.6 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> <tr> <td>Core i5-6600</td> <td>4 / 4</td> <td>3.3 G / 3.9 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> <tr> <td>Core i7-6700</td> <td>4 / 8</td> <td>3.4 G / 4.0 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	No	Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530	No	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	No	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	No	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	No	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	vPro	Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	vPro	Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	vPro	Bluetooth™ Ethernet
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro																																																											
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	No																																																											
Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530	No																																																											
Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	No																																																											
Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	No																																																											
Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	No																																																											
Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	vPro																																																											
Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	vPro																																																											
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	vPro																																																											
Manageability	Intel Active Management Technology 11.0 (Intel AMT 11.0); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)	Security chip	Trusted Platform Module, TCG 1.2-compliant																																																														
Security features	<ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional chassis intrusion switch 																																																																
Memory	64GB max, UDIMM, DDR4 2133, four 288-pin DIMM sockets, dual-channel capable	Keyboard	Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector)																																																														
Disk	Some: Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: M.2 SSD, PCIe NVMe, PCIe 3.0 x4, 32Gb/s Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Mouse	Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																														
Optical	Four SATA 6.0Gb/s connectors, one is eSATA for optional rear eSATA port, RAID 0, 1 support	Mechanical	<ul style="list-style-type: none"> SFF (9.7L), black color; metal case (WxDxH) 13.31" X 14.05" X 3.46"; 338mm X 357mm X 88mm 12.3 lb (5.6 kg) Toolless cover, disk, optical removal Toolless graphics, PCI adapter retention Optional dust filter Bays: 9.5mm ODD bay x1, 3.5"x1, opt 2.5" bay x1, MCR bay x1 Slots (Low Profile): two PCIe 3.0 x16 (one is x4 elec, 45w max), one PCIe 3.0 x1, one opt PCI 2.3 (via M.2 to PCI adaptor) 																																																														
Onboard SATA	Optional 7-in-1 media reader	Floor Stand	Optional system floor stand for vertical orientation																																																														
Media reader	Optional 7-in-1 media reader	Power supply	210 watts, autosensing, 85% PSU																																																														
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™ Some: NVIDIA® Quadro® K420, DirectX 12, 2GB, one DVI-I, one DisplayPort; Some: NVIDIA GeForce® GT 720, DirectX 12, 2GB, one VGA, one HDMI; Some: NVIDIA GeForce GT 720, DirectX 12, 1GB, two DisplayPort; Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Limited warranty ³	Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																																																														
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit																																																														
Chipset	Intel Q170 Chipset																																																																
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)																																																																
Rear ports	Six USB 3.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional PS/2 ports (keyboard/mouse), one optional eSATA port additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models																																																																
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)																																																																
IEEE 1394	None																																																																
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)																																																																

See footnotes for more detailed information

ThinkCentre M900 SFF (10FH) - TopSeller - III

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Storage	Optical	Optional 2.5" Bay	WLAN	Media reader	Graphics	DP dongle	Optional front ports	Optional rear ports	Chassis intrusion switch	Floor stand	PCI slot	Dust filter	Key-board/ Mouse	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10FH003MUS	i5-6500	8GBx1	128GB SSD	DVD±RW	2.5 bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro USB	3-onsite	No	Win7 P64 DG Win10	03/16
10FH003NUS	i5-6500	8GBx1	500GB 7200 3.5	DVD±RW	2.5 bay	None	None	Intel HD 530	None	None	None	None	Stand	None	None	vPro USB	3-onsite	No	Win7 P64 DG Win10	03/16

• For detailed platform specifications, please see [ThinkCentre M900 SFF Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor							WLAN ¹³ Bluetooth™ Ethernet	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, vPro, 2x2 Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro		
	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	No		
	Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530	No		
	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	No		
	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	No		
	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	No		
	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	vPro		
	Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	vPro		
	Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	vPro		
Memory	64GB max, UDIMM, DDR4 2133, four 288-pin DIMM sockets, dual-channel capable							Manageability Intel Active Management Technology 11.0 (Intel AMT 11.0); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection) Security chip Trusted Platform Module, TCG 1.2-compliant Security features <ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional chassis intrusion switch 	
Disk	Some: Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: M.2 SSD, PCIe NVMe, PCIe 3.0 x4, 32Gb/s								
Optical	Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive								
Onboard SATA	Four SATA 6.0Gb/s connectors, one is eSATA for optional rear eSATA port, RAID 0, 1 support								
Media reader	Optional 7-in-1 media reader								
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™ Some: NVIDIA® Quadro® K420, DirectX 12, 2GB, one DVI-I, one DisplayPort; Some: NVIDIA GeForce® GT 720, DirectX 12, 2GB, one VGA, one HDMI; Some: NVIDIA GeForce GT 720, DirectX 12, 1GB, two DisplayPort; Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle								
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle								
Chipset	Intel Q170 Chipset								
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)								
Rear ports	Six USB 3.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional PS/2 ports (keyboard/mouse), one optional eSATA port additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models								
Rear audio ports IEEE 1394	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm) None								
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)								
	Keyboard Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector) Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black								
	Mechanical <ul style="list-style-type: none"> SFF (9.7L), black color; metal case (WxDxH) 13.31" X 14.05" X 3.46"; 338mm X 357mm X 88mm 12.3 lb (5.6 kg) Toolless cover, disk, optical removal Toolless graphics, PCI adapter retention Optional dust filter Bays: 9.5mm ODD bay x1, 3.5"x1, opt 2.5" bay x1, MCR bay x1 Slots (Low Profile): two PCIe 3.0 x16 (one is x4 elec, 45w max), one PCIe 3.0 x1, one opt PCI 2.3 (via M.2 to PCI adaptor)								
	Floor Stand Optional system floor stand for vertical orientation								
	Power supply 210 watts, autosensing, 85% PSU								
	Limited warranty ³ Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet								
	Preload Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit								

See footnotes for more detailed information



ThinkCentre M900 Mini Tower
with optional monitor



ThinkCentre M900 Mini Tower



ThinkCentre M900 Mini Tower
with optional front access HDD



ThinkCentre M900 Mini Tower
with optional adapters



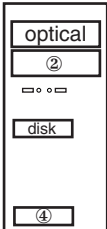
ThinkCentre M900 Mini Tower
back view



ThinkCentre M900 Mini Tower
left view

ThinkCentre M900 Mini Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor							Manageability Intel Active Management Technology 11.0 (Intel AMT 11.0); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection) Security chip Trusted Platform Module, TCG 1.2-compliant Security features <ul style="list-style-type: none"> • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional chassis intrusion switch
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro	
	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	No	
	Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530	No	
	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	No	
	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	No	
	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	No	
	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	vPro	
Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	vPro		
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	vPro		
Memory	64GB max, UDIMM, DDR4 2133, four 288-pin DIMM sockets, dual-channel capable							
Disk	<i>Some:</i> Hard disk, SATA 6.0Gb/s, 2.5" / 3.5" wide, 5400 / 7200 rpm <i>Some:</i> Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide <i>Some:</i> M.2 SSD, PCIe NVMe, PCIe 3.0 x4, 32Gb/s <i>Some:</i> Front accessible and removable HDD, 3.5", lockable via physical key <i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive <i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive							
Optical								
Onboard SATA	Four onboard SATA 6.0Gb/s connectors, one is eSATA connector for optional rear eSATA port, RAID 0, 1 support							
Media reader	Optional 29-in-1 media reader							
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™, supports three independent displays, works along with discrete graphics to support more displays; <i>Max resolution:</i> 4096x2304 (DP) @60Hz; 1920x1200 (VGA) @60Hz <i>Some:</i> NVIDIA® Quadro® K420 , DirectX 12, 2GB, PCIe 2.0 x16 adapter, one DVI-I, one DisplayPort, 41 watts; <i>Max resolution:</i> 3840x2160 (DisplayPort) @60Hz; 2560x1600 (DVI-I) @60Hz <i>Some:</i> NVIDIA GeForce® GT 720 , DirectX 12, 2GB, PCIe 2.0 x8 adapter, one VGA, one HDMI, 25 watts; <i>Max resolution:</i> 1920x1080 (HDMI) @60Hz; 2048x1536 (VGA) @85Hz <i>Some:</i> NVIDIA GeForce GT 720 , DirectX 12, 1GB, PCIe 2.0 x8 adapter, two DisplayPort, 25 watts; <i>Max resolution:</i> 3840x2160 (DisplayPort) @60Hz;							
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle							
Chipset	Intel Q170 Chipset							
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)							
Rear ports	Six USB 3.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional PS/2 ports (keyboard/mouse), one optional eSATA port additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models							
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)							
IEEE 1394	None							
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)							
WLAN ¹³	<i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, Intel vPro technology support, 2x2							
Bluetooth™	<i>Some:</i> Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter							
Ethernet	Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®							
Modem	None							
Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo USB Fingerprint Keyboard (USB connector) <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black <i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black							
Mouse								
Mechanical	<ul style="list-style-type: none"> • Mini Tower (25L), black color, metal case • (WxDxH) 6.89" X 16.26" X 15.98"; 175mm X 413mm X 406mm • 27.56 lb (12.5 kg) • Toolless cover, disk, optical removal • Toolless graphics, PCI adapter retention • Optional carry handle, dust filter Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, opt media reader / front access HDD Bay 3: 3.5", 1" high, no access, std disk Bay 4: 3.5", 1" high, no access, opt disk (optional 2nd 3.5" disk tray) Slot 1: half-length, full-height, PCIe 3.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 3.0 x1 Slot 3: half-length, full-height, PCIe 3.0 x16 (x4 elec, 75w max) Slot 4: half-length, full-height, optional 32-bit PCI 2.3 (via M.2 to PCI adaptor) 							
Power supply	<i>Some:</i> 250 watts, autosensing, 85% PSU <i>Some:</i> 400 watts, autosensing, 92% PSU (available only via Special Bid)							
Limited warranty ³	<i>Some:</i> 1-year or 3-year, limited onsite service / service upgrades available <i>Some:</i> 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>							
Preload	Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit		Preloaded applications (only some listed) <ul style="list-style-type: none"> • Desktop Power Manager • Lenovo Solution Center • Lenovo REACHit • Lenovo SHAREit • Lenovo Bluetooth Lock (for models with Wi-Fi/BT card) • McAfee® LiveSafe™ (30-day trial) • Microsoft Office preloaded; purchase a product key to activate • PowerDVD Create (DVD±RW) • Lenovo ThinkVantage Tools • Intel Unite (vPro models only) - Only for Window 10 • Lenovo Companion • Cyberlink PowerDVD (DVD, DVD±RW) • Lenovo QuickOptimizer - Only for Window 7 • Rescue and Recovery • Password Manager • ThinkVantage System Update • Lenovo Message Center Plus • Adobe® Reader® 					
Environment	ENERGY STAR® 6.1*; EPEAT™ Gold rating*; (*Need 85% PSU and Windows OS); ErP Lot 3; GREENGUARD®; RoHS-compliant; TUV Green Mark, ULE Gold							
Accessories	For compatible accessories, please go to TC-AQP sheet							

See footnotes for more detailed information

ThinkCentre M900 Mini Tower (10FD) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Storage	Optical	2nd 3.5" HDD tray	WLAN	Media reader	Graphics	DP dongle	Optional front ports	Optional rear ports	Chassis intrusion switch	Carry handle	Front access HDD	PCI slot	Dust filter	vPro	Key-board/Mouse	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10FD0007US	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite, OID	No	Win7 P64 DG Win10	11/15
10FD0008US	i5-6500	4GBx1	500GB 7200 3.5	DVD±RW	None	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite, OID	No	Win7 P64 DG Win10	11/15
10FD001WUS	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	2nd 3.5" Tray	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Windows 10 Pro64	11/15
10FD001XUS	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	2nd 3.5" Tray	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	11/15
10FD001YUS	i5-6500	4GBx1	500GB 7200 3.5	DVD±RW	2nd 3.5" Tray	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	11/15
10FD0020US	i5-6500	4GBx1	500GB 7200 3.5	DVD±RW	2nd 3.5" Tray	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Windows 10 Pro64	11/15
10FD0021US	i5-6500	8GBx1	500GB 7200 3.5	DVD±RW	2nd 3.5" Tray	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Windows 10 Pro64	11/15
10FD0022US	i5-6500	8GBx1	500GB 7200 3.5	DVD±RW	2nd 3.5" Tray	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	11/15
10FD0024US	i5-6500	4GBx1	128GB SSD	DVD±RW	2nd 3.5" Tray	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Windows 10 Pro64	12/15
10FD0025US	i5-6500	8GBx1	256GB SSD opal	DVD±RW	2nd 3.5" Tray	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FD0026US	i7-6700	8GBx1	256GB SSD opal	DVD±RW	2nd 3.5" Tray	None	None	GT 720 1GB	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FD0027US	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	2nd 3.5" Tray	None	None	GT 720 1GB	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Windows 10 Pro64	12/15
10FD0028US	i7-6700	8GBx1	256GB SSD opal	DVD±RW	2nd 3.5" Tray	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	12/15

• For detailed platform specifications, please see [ThinkCentre M900 Mini Tower Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	WLAN ¹³	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, vPro, 2x2 Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter																																																														
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> <th>Intel vPro</th> </tr> </thead> <tbody> <tr> <td>Pentium G4400</td> <td>2 / 2</td> <td>3.3G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> <td>No</td> </tr> <tr> <td>Pentium G4500</td> <td>2 / 2</td> <td>3.5G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i3-6100</td> <td>2 / 4</td> <td>3.7 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i3-6300</td> <td>2 / 4</td> <td>3.8 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i5-6400</td> <td>4 / 4</td> <td>2.7 G / 3.3 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i5-6500</td> <td>4 / 4</td> <td>3.2 G / 3.6 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> <tr> <td>Core i5-6600</td> <td>4 / 4</td> <td>3.3 G / 3.9 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> <tr> <td>Core i7-6700</td> <td>4 / 8</td> <td>3.4 G / 4.0 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	No	Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530	No	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	No	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	No	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	No	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	vPro	Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	vPro	Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	vPro	Bluetooth™ Ethernet Modem None
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro																																																											
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	No																																																											
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Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	vPro																																																											
Memory	64GB max, UDIMM, DDR4 2133, four 288-pin DIMM sockets, dual-channel capable	Manageability	Intel Active Management Technology 11.0 (Intel AMT 11.0); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)																																																														
Disk	Some: Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: M.2 SSD, PCIe NVMe, PCIe 3.0 x4, 32Gb/s Some: Front accessible and removable HDD, 3.5", lockable via physical key Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Security chip	Trusted Platform Module, TCG 1.2-compliant																																																														
Optical	Four onboard SATA 6.0Gb/s connectors, one is eSATA connector for optional rear eSATA port, RAID 0, 1 support	Security features	<ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional chassis intrusion switch 																																																														
Onboard SATA	Optional 29-in-1 media reader	Keyboard	Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector)																																																														
Media reader	Optional 29-in-1 media reader	Mouse	Some: UltraSlim Plus Wireless Keyboard (2.4GHz via USB receiver), black Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: UltraSlim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																														
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™ Some: NVIDIA® Quadro® K420, DirectX 12, 2GB, one DVI-I, one DisplayPort; Some: NVIDIA GeForce® GT 720, DirectX 12, 2GB, one VGA, one HDMI; Some: NVIDIA GeForce GT 720, DirectX 12, 1GB, two DisplayPort; Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Mechanical	<ul style="list-style-type: none"> Mini Tower (25L), black color, metal case (WxDxH) 6.89" X 16.26" X 15.98"; 175mm X 413mm X 406mm 27.56 lb (12.5 kg) Toolless cover, disk, optical removal Toolless graphics, PCI adapter retention Optional carry handle, dust filter Bays: 5.25" bay x2 (opt media reader / front access HDD occupy 2nd 5.25" bay), 3.5" bay x2 (2nd 3.5" disk tray is optional) Slots (full-height): two PCIe 3.0 x16 (one is x4 elec, 75w max), one PCIe 3.0 x1, one opt PCI 2.3 (via M.2 to PCI adaptor)																																																														
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Power supply	250 watts, autosensing, 85% PSU																																																														
Chipset	Intel Q170 Chipset	Limited warranty ³	Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																																																														
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)	Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit																																																														
Rear ports	Six USB 3.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional PS/2 ports (keyboard/mouse), one optional eSATA port additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models																																																																
Rear audio ports IEEE 1394	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm) None																																																																
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)																																																																

See footnotes for more detailed information

ThinkCentre M900 Mini Tower (10FD) - TopSeller - II

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Storage	Optical	2nd 3.5" HDD tray	WLAN	Media reader	Graphics	DP dongle	Optional front ports	Optional rear ports	Chassis intrusion switch	Carry handle	Front access HDD	PCI slot	Dust filter	vPro	Key-board/Mouse	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10FD0029US	i5-6500	4GBx1	500GB 7200 3.5	DVD±RW	2nd 3.5" Tray	None	None	GT 720 1GB	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FD002AUS	i5-6500	4GBx1	180GB SSD opal	DVD±RW	2nd 3.5" Tray	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FD002BUS	i7-6700	8GBx1	1TB 7200 3.5	DVD±RW	2nd 3.5" Tray	None	None	GT 720 1GB	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FD002CUS	i7-6700	8GBx1	256GB SSD opal	DVD±RW	2nd 3.5" Tray	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Windows 10 Pro64	12/15
10FD002DUS	i5-6500	4GBx1	128GB SSD	DVD±RW	2nd 3.5" Tray	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FD002EUS	i5-6500	8GBx1	180GB SSD opal	DVD±RW	2nd 3.5" Tray	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Windows 10 Pro64	12/15
10FD002FUS	i5-6500	8GBx1	1TB 7200 3.5	DVD±RW	2nd 3.5" Tray	None	None	GT 720 1GB	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FD002GUS	i5-6500	4GBx1	192GB SSD	DVD±RW	2nd 3.5" Tray	None	None	Intel HD 530	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Win7 P64 DG Win10	12/15
10FD002HUS	i5-6500	8GBx1	1TB 7200 3.5	DVD±RW	2nd 3.5" Tray	None	None	GT 720 1GB	None	None	None	None	Handle	None	None	None	vPro	USB	3-onsite	No	Windows 10 Pro64	12/15

• For detailed platform specifications, please see [ThinkCentre M900 Mini Tower Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	WLAN ¹³	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 Some: 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, vPro, 2x2 Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter																																																															
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Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro																																																												
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	No																																																												
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		Manageability	Intel Active Management Technology 11.0 (Intel AMT 11.0); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)																																																															
		Security chip	Trusted Platform Module, TCG 1.2-compliant																																																															
		Security features	<ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional chassis intrusion switch 																																																															
Memory	64GB max, UDIMM, DDR4 2133, four 288-pin DIMM sockets, dual-channel capable	Keyboard	Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo USB Fingerprint Keyboard (USB connector)																																																															
Disk	Some: Hard disk, SATA 6.0Gb/s, 2.5"/ 3.5" wide, 5400 / 7200 rpm Some: Solid State Hybrid Drive (SSHD), 500GB (5400 rpm, 2.5") / 1TB or 2TB (7200 rpm, 3.5"), with 8GB NAND flash memory, SATA 6.0Gb/s Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: M.2 SSD, PCIe NVMe, PCIe 3.0 x4, 32Gb/s Some: Front accessible and removable HDD, 3.5", lockable via physical key Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Mouse	Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: UltraSlim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																															
Optical	Some: Front accessible and removable HDD, 3.5", lockable via physical key Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Mechanical	<ul style="list-style-type: none"> Mini Tower (25L), black color, metal case (WxDxH) 6.89" X 16.26" X 15.98"; 175mm X 413mm X 406mm 27.56 lb (12.5 kg) Toolless cover, disk, optical removal Toolless graphics, PCI adapter retention Optional carry handle, dust filter Bays: 5.25" bay x2 (opt media reader / front access HDD occupy 2nd 5.25" bay), 3.5" bay x2 (2nd 3.5" disk tray is optional) Slots (full-height): two PCIe 3.0 x16 (one is x4 elec, 75w max), one PCIe 3.0 x1, one opt PCI 2.3 (via M.2 to PCI adaptor)																																																															
Onboard SATA	Four onboard SATA 6.0Gb/s connectors, one is eSATA connector for optional rear eSATA port, RAID 0, 1 support	Power supply	250 watts, autosensing, 85% PSU																																																															
Media reader	Optional 29-in-1 media reader	Limited warranty ³	Some: 1-year or 3-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																																																															
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™ Some: NVIDIA® Quadro® K420, DirectX 12, 2GB, one DVI-I, one DisplayPort; Some: NVIDIA GeForce® GT 720, DirectX 12, 2GB, one VGA, one HDMI; Some: NVIDIA GeForce GT 720, DirectX 12, 1GB, two DisplayPort; Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle	Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit																																																															
DP cable	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle																																																																	
Chipset	Intel Q170 Chipset																																																																	
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)																																																																	
Rear ports	Six USB 3.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, optional PS/2 ports (keyboard/mouse), one optional eSATA port additional VGA, DisplayPort, DVI-I or HDMI on optional graphics on some models																																																																	
Rear audio ports IEEE 1394	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm) None																																																																	
Audio support	High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt)																																																																	

See footnotes for more detailed information



ThinkCentre M93z (Multi-touch) with Frame Stand and optional wireless keyboard and mouse



ThinkCentre M93z (Non-touch) with Monitor Stand and optional wireless keyboard and mouse



ThinkCentre M93z with Monitor Stand with optional PS/2 and Serial ports



ThinkCentre M93z with Frame Stand with optional PS/2 and Serial ports



Frame Stand
(Adjustable between 10° and 45°)



Monitor Stand
(Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45°)

ThinkCentre M93z (10AF) - TopSeller (1-year onsite)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial port	Chassis intrusion switch	Stand type	Keyboard/Mouse	Intel vPro Global	Preload	Ann date (mm/dd/yy)
10AF000JUS	G3220	4GBx1	2.0M	500G 7200	Intel HD	N105	None	None	None	None	Frame	USB	None	Win7 Pro64	DG 08/20/13

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

● Small and medium business (SMB) model(s), part of the US TopSeller™ Program

Positioning	<i>Premium All-In-One PC for the enterprise</i>											Preloaded operating system
Processor	Intel® Pentium® G3220 Processor (2 cores / 2 threads, 3.0GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)
Memory	16GB max, PC3-12800 1600MHz DDR3* , two 204-pin SODIMM sockets (notebook) *System automatically clocks down for processors with 1333MHz memory controller											<ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]</i>											Preloaded applications (only some listed)
Display	23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector											<ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Device Experience ● ThinkVantage AutoLock ● Desktop Power Manager ● View Management Utility ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink PowerDVD (DVD±RW, DVD) ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Evernote ● Intel AppUp ● Lenovo Solutions for Small Business ● Nitro Pro
Light sensor	Optional ambient light sensor											Security <ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● USB port disablement ● Chassis intrusion switch on selected model(s)
Multi-touch	None											
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off											
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button											
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm											
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable											
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar											
Media reader	Optional 11-in-1 media card reader											
Chipset	Intel Q87 Express Chipset											
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)											
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)											
ExpressCard	None											
mSATA	One mSATA slot											
PCIe Mini Card	One PCI Express® Mini Card slot											
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1											
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®											
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified											
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)											
Security chip	Trusted Platform Module (TPM 1.2-compliant)											
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Power supply	150 watts, autosensing, 85% PSU											
Machine	<ul style="list-style-type: none"> ● Business black color ● Toolless back cover, stand removal ● Toolless disk, optical drive, memory removal ● Support VESA mount (100mm) <p><i>Non-touch model(s) with frame stand:</i></p> <ul style="list-style-type: none"> ● (WxDxH) 22.4" X 3.6" X 17.6"; 568mm X 92.5mm X 447.3 mm ● 21.3 lb (9.68 kg) in maximum configuration ● Adjustable stand (between 10° and 45°) <p><i>Non-touch model(s) with monitor stand:</i></p> <ul style="list-style-type: none"> ● (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm ● 25.5 lb (11.58 kg) in maximum configuration ● Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant TCO Certified Edge TUV Green Mark ULE Gold EuP 2013 Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant
Limited Warranty	1-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies
												For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
US model(s) announced August 20, 2013

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Type-model	Pro-processor	Memory ^a	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial port	Chassis intrusion switch	Stand type	Key-board/Mouse	Intel vPro Global	Preload	Ann date (mm/dd/yy)
10AF0003US	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N2230	None	None	None	None	Monitor	USB vPro ⁺	None	Win7 Pro64 DG	07/09/13
10AF0004US	i5-4430S	4GBx1	2.0M	500G 7200	HD 4600	N2230	None	None	None	None	Frame	USB	None	Win7 Pro64 DG	07/09/13
10AF0005US	i7-4770S	4GBx1	2.0M	1TB 7200	HD 4600	N6235	Media	None	None	None	Monitor	USB vPro	None	Win7 Pro64 DG	07/09/13
10AF0006US	i5-4670S	4GBx1	2.0M	500G Hybrid	HD 4600	N6235	Media	None	None	None	Monitor	USB vPro	None	Win7 Pro64 DG	07/09/13
10AF0007US	i5-4570S	4GBx1	2.0M	180G SSD	HD 4600	N2230	None	None	None	None	Frame	USB vPro	None	Win7 Pro64 DG	07/09/13
10AF0008US	i7-4770S	8GBx1	2.0M	500G Hybrid	HD 4600	N6235	Media	None	None	None	Monitor	USB vPro	None	Win7 Pro64 DG	07/09/13
10AF000KUS	i5-4570S	4GBx1	2.0M	128G SSD	HD 4600	N2230	None	None	None	None	Monitor	USB vPro	None	Win7 Pro64 DG	09/10/13
10AF000LUS	i7-4770S	8GBx1	2.0M	1TB 7200	HD 4600	N6235	Media	None	None	None	Monitor	USB vPro	None	Win7 Pro64 DG	09/10/13

^a Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning Processor	<i>Premium All-In-One PC for the enterprise</i> Intel® Core™ i5-4430S Processor (4 cores / 4 threads, 2.7GHz, 6MB cache), Turbo Boost 2.0 (3.2GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4670S Processor (4 cores / 4 threads, 3.1GHz, 6MB cache), Turbo Boost 2.0 (3.8GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770S Processor (4 cores / 8 threads, 3.1GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket	Preloaded operating system Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Ready to install applications (only some listed) <ul style="list-style-type: none"> Rescue and Recovery™ Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Device Experience ThinkVantage AutoLock Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Lenovo Solutions for Small Business Nitro Pro
Implementation	Processor in LGA1150 socket	
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)	
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]</i>	
Display	23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector	
Light sensor	Optional ambient light sensor	
Multi-touch	None	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off	
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button	
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide	
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable	
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar	
Media reader	Optional 11-in-1 media card reader	
Chipset	Intel Q87 Express Chipset	
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)	
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	
ExpressCard	None	
mSATA	One mSATA slot	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11a/b/g/n wireless, PCIe Half Mini Card, Intel Centrino Advanced-N 6235, Wi-Fi + Bluetooth combo adapter, Intel vPro technology support, 2x2	
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter	
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®	
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified	
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)	
Security chip	Trusted Platform Module (TPM 1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Power supply	150 watts, autosensing, 85% PSU	
Machine	<ul style="list-style-type: none"> Business black color Toolless back cover, stand removal Toolless disk, optical drive, memory removal Support VESA mount (100mm) <i>Non-touch model(s) with frame stand:</i> <ul style="list-style-type: none"> (WxDxH) 22.4" X 3.6" X 17.6"; 568mm X 92.5mm X 447.3 mm 21.3 lb (9.68 kg) in maximum configuration Adjustable stand (between 10° and 45°) <i>Non-touch model(s) with monitor stand:</i> <ul style="list-style-type: none"> (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm 25.5 lb (11.58 kg) in maximum configuration Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 	EPEAT™ Gold rating ENERGY STAR® 6.0-compliant TCO Certified Edge TUV Green Mark ULE Gold EuP 2013 Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

Type-model	Processor	Memory	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card	Media reader	Light sensor	Serial port	Chassis intrusion switch	Stand type	Key-board/Mouse	Intel vPro Global	Preload	Ann date (mm/dd/yy)
10AF000FUS	i3-4130	4GBx1	2.0M	500G 7200	HD 4400	N2230	None	None	None	None	Monitor	USB	None	Win7 Pro64 DG	08/20/13
10AF000GUS	i3-4130	4GBx1	2.0M	500G 7200	HD 4400	N2230	None	None	None	None	Frame	USB	None	Win7 Pro64 DG	08/20/13
10AF000HUS	i3-4130	4GBx1	2.0M	500G Hybrid	HD 4400	N2230	Media	None	None	None	Monitor	USB	None	Win7 Pro64 DG	08/20/13
10AF000VUS	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N2230	None	None	None	None	None	USB	vPro	Win7 Pro64 DG	11/12/13
10AF000WUS	i7-4770S	8GBx1	2.0M	256G SSD	HD 4600	N2230	None	None	None	None	Monitor	USB	vPro	Win7 Pro64 DG	11/12/13
10AF0010US	i3-4130	4GBx1	2.0M	500G 7200	HD 4400	N7260	None	None	None	None	Monitor	USB	None	Win7 P64 DG	Win8.1 01/21/14
10AF0011US	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N7260	None	None	None	None	Monitor	USB	vPro	Win7 P64 DG	Win8.1 01/21/14
10AF001HUS	i5-4590S	4GBx1	2.0M	500G 7200	HD 4600	N7260	None	None	None	None	Monitor	USB	vPro	Win7 P64 DG	Win8.1 12/09/14
10AF001JUS	i3-4150	4GBx1	2.0M	500G 7200	HD 4400	N7260	Media	None	None	None	Monitor	USB	None	Win7 P64 DG	Win8.1 03/24/15
10AF001KUS	i5-4590S	4GBx1	2.0M	500G 7200	HD 4600	N7260	Media	None	None	None	Monitor	USB	vPro	Win7 P64 DG	Win8.1 03/24/15

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Premium All-In-One PC for the enterprise</i>	<p>Preloaded operating system</p> <p><i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit</p> <p><i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit</p> <p>Ready to install applications (only some listed)</p> <ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager <p>Preloaded applications (only some listed)</p> <ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Device Experience ● ThinkVantage AutoLock ● Desktop Power Manager ● View Management Utility ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink PowerDVD (DVD±RW, DVD) ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Evernote ● Intel AppUp ● Lenovo Solutions for Small Business ● Nitro Pro <p>Security</p> <ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● USB port disablement ● Chassis intrusion switch on selected model(s) <p>EPEAT™ Gold rating</p> <p>ENERGY STAR® 6.0-compliant</p> <p>TCO Certified Edge</p> <p>TUV Green Mark</p> <p>ULE Gold</p> <p>EuP 2013</p> <p>Cisco EnergyWise compatible</p> <p>GREENGUARD® certified</p> <p>RoHS-compliant</p> <p>Supports ThinkVantage Technologies</p> <p>For compatible accessories, please go to TC-AQP sheet;</p> <p>For Lenovo service upgrade options, please go to S-TC sheet</p>
Processor	<p>Intel® Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller</p> <p>Intel Core i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller</p> <p>Intel Core i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p> <p>Intel Core i5-4590S Processor (4 cores / 4 threads, 3.0GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p> <p>Intel Core i7-4770S Processor (4 cores / 8 threads, 3.1GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p>	
Implementation	Processor in LGA1150 socket	
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)	
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]</i>	
Display	23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector	
Light sensor	Optional ambient light sensor	
Multi-touch	None	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off	
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button	
Disk	<p><i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm</p> <p><i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</p> <p><i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</p>	
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable	
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar	
Media reader	Optional 11-in-1 media card reader	
Chipset	Intel Q87 Express Chipset	
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)	
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	
ExpressCard	None	
mSATA	One mSATA slot	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	<p><i>Some:</i> 11b/g/n, PCIe HMC, Intel Centrino® Wireless-N 2230, Wi-Fi + BT combo, 2x2</p> <p><i>Some:</i> 11b/g/n, PCIe HMC, Intel Wireless-N 7260, Wi-Fi + BT combo, 2x2</p>	
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter	
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®	
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified	
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)	
Security chip	Trusted Platform Module (TPM 1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Power supply	150 watts, autosensing, 85% PSU	
Machine	<ul style="list-style-type: none"> ● Business black color ● Toolless back cover, stand removal ● Toolless disk, optical drive, memory removal ● Support VESA mount (100mm) <p><i>Non-touch model(s) with frame stand:</i></p> <ul style="list-style-type: none"> ● (WxDxH) 22.4" X 3.6" X 17.6"; 568mm X 92.5mm X 447.3 mm ● 21.3 lb (9.68 kg) in maximum configuration ● Adjustable stand (between 10° and 45°) <p><i>Non-touch model(s) with monitor stand:</i></p> <ul style="list-style-type: none"> ● (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm ● 25.5 lb (11.58 kg) in maximum configuration ● Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 	
Limited Warranty	3-years, limited onsite service	

ThinkCentre M93z (10AD) - Multi-touch (TopSeller) - 1-year onsite

Product Specifications Reference (PSREF)

Type-model	Pro-processor	Memory ^a	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial port	Chassis intrusion switch	Stand type	Key-board/ Mouse	Intel vPro Global	Preload	Ann date (mm/dd/yy)
10AD001HUS	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N2230	None	None	None	None	Frame	USB vPro*	None	Win7 Pro64	DG 08/13/13
10AD001MUS	G3220	4GBx1	2.0M	500G 7200	Intel HD	N105	None	None	None	None	Frame	USB	None	Win7 Pro64	DG 08/20/13

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

● Small and medium business (SMB) model(s), part of the US TopSeller™ Program

Positioning	<i>Premium All-In-One PC for the enterprise</i>											Preloaded operating system
Processor	Intel® Pentium® G3220 Processor (2 cores / 2 threads, 3.0GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller Intel Core™ i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)
Memory	16GB max, PC3-12800 1600MHz DDR3* , two 204-pin SODIMM sockets (notebook) *System automatically clocks down for processors with 1333MHz memory controller											<ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]											Preloaded applications (only some listed)
Display	23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector											<ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Device Experience ● ThinkVantage AutoLock ● Desktop Power Manager ● View Management Utility ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink PowerDVD (DVD±RW, DVD) ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Evernote ● Intel AppUp ● Lenovo Solutions for Small Business ● Nitro Pro
Light sensor	Optional ambient light sensor											
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch											
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off											
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button											
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm											
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable											
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar											
Media reader	Optional 11-in-1 media card reader											
Chipset	Intel Q87 Express Chipset											
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)											
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)											
ExpressCard	None											
mSATA	One mSATA slot											
PCIe Mini Card	One PCI Express® Mini Card slot											
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2											
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®											
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified Intel Active Management Technology 9.0 (Intel AMT 9.0)											Security <ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● USB port disablement ● Chassis intrusion switch on selected model(s)
Intel AMT	Trusted Platform Module (TPM 1.2-compliant)											
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Power supply	150 watts, autosensing, 85% PSU											
Machine	<ul style="list-style-type: none"> ● Business black color ● Toolless back cover, stand removal ● Toolless disk, optical drive, memory removal ● Support VESA mount (100mm) Multi-touch model(s) with frame stand: <ul style="list-style-type: none"> ● (WxDxH) 22.4" X 3.7" X 17.6"; 568mm X 93.1mm X 447.3 mm ● 24.7 lb (11.22 kg) in maximum configuration ● Adjustable stand (between 10° and 45°) Multi-touch model(s) with monitor stand: <ul style="list-style-type: none"> ● (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm ● 28.9 lb (13.12 kg) in maximum configuration ● Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant TCO Certified Edge TUV Green Mark ULE Gold EuP 2013 Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant
Limited Warranty	1-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
US model(s) announced August 13, 2013 or August 20, 2013

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(MPHS1-13) September 2013

ThinkCentre M93z (10AD) - Multi-touch (TopSeller)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial & PS/2 port	Chassis intrusion switch	Stand type	Key-board/ Intel Mouse vPro Global	Preload	Ann date (mm/dd/yy)
10AD0001US	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N2230	None	None	None	None	Monitor	USB vPro	None	Win7 Pro64 DG 07/09/13
10AD0003US	i5-4430S	4GBx1	2.0M	500G 7200	HD 4600	N2230	None	None	None	None	Frame	USB	None	Win7 Pro64 DG 07/09/13
10AD0004US	i7-4770S	4GBx1	2.0M	1TB 7200	HD 4600	N6235	Media	None	None	None	Monitor	USB vPro	None	Win7 Pro64 DG 07/09/13
10AD0005US	i5-4570S	4GBx1	2.0M	500G Hybrid	HD 4600	N2230	None	None	None	None	Frame	USB vPro	None	Win7 Pro64 DG 07/09/13
10AD0008US	i7-4770S	8GBx1	2.0M	1TB 7200	HD 4600	N6235	Media	None	None	None	Monitor	2.4G vPro	None	Win7 Pro64 DG 07/09/13
10AD0009US	i5-4570S	4GBx1	2.0M	180G SSD	HD 4600	N2230	None	None	None	None	Monitor	USB vPro	None	Win7 Pro64 DG 07/09/13
10AD001GUS	i5-4570S	4GBx1	2.0M	128G SSD	HD 4600	N2230	None	None	None	None	Monitor	USB vPro	None	Win7 Pro64 DG 08/13/13

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Premium All-In-One PC for the enterprise</i>											Preloaded operating system
Processor	Intel® Core™ i5-4430S Processor (4 cores / 4 threads, 2.7GHz, 6MB cache), Turbo Boost 2.0 (3.2GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770S Processor (4 cores / 8 threads, 3.1GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]</i>											Preloaded applications (only some listed)
Display	23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector											<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Device Experience ThinkVantage AutoLock Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Lenovo Solutions for Small Business Nitro Pro
Light sensor	Optional ambient light sensor											Security <ul style="list-style-type: none"> Security chip (see information on left) Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse USB port disablement Chassis intrusion switch on selected model(s)
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch											
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off											
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button											
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide											
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable											
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar											
Media reader	Optional 11-in-1 media card reader											
Chipset	Intel Q87 Express Chipset											
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)											
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)											
ExpressCard	None											
mSATA	One mSATA slot											
PCIe Mini Card	One PCI Express® Mini Card slot											
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11a/b/g/n wireless, PCIe Half Mini Card, Intel Centrino Advanced-N 6235, Wi-Fi + Bluetooth combo adapter, Intel vPro technology support, 2x2											
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®											
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified											
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)											
Security chip	Trusted Platform Module (TPM 1.2-compliant)											
Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo® logo <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black											
Mouse	<i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black											
Power supply	150 watts, autosensing, 85% PSU											
Machine	<ul style="list-style-type: none"> Business black color Toolless back cover, stand removal Toolless disk, optical drive, memory removal Support VESA mount (100mm) Multi-touch model(s) with frame stand: <ul style="list-style-type: none"> (WxDxH) 22.4" X 3.7" X 17.6"; 568mm X 93.1mm X 447.3 mm 24.7 lb (11.22 kg) in maximum configuration Adjustable stand (between 10° and 45°) Multi-touch model(s) with monitor stand: <ul style="list-style-type: none"> (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm 28.9 lb (13.12 kg) in maximum configuration Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant TCO Certified Edge TÜV Green Mark ULE Gold EuP 2013 Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
 US model(s) announced July 9, 2013 or August 13, 2013

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 (MPHS1-5) August 2013

ThinkCentre M93z (10AD) - Multi-touch (TopSeller) - II

Product Specifications Reference (PSREF)

Type-model	Pro-processor	Memory ^a	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial & PS/2 port	Chassis intrusion switch	Stand type	Key-board/ Mouse	Intel vPro Global	Preload	Ann date (mm/dd/yy)
10AD001JUS	i3-4130	4GBx1	2.0M	500G 7200	HD 4400	N2230	None	None	None	None	Monitor	USB	None	None	Win7 Pro64 DG 08/20/13
10AD001KUS	i3-4130	4GBx1	2.0M	500G Hybrid	HD 4400	N2230	Media	None	None	None	Monitor	USB	None	None	Win7 Pro64 DG 08/20/13
10AD001LUS	i3-4130	4GBx1	2.0M	500G 7200	HD 4400	N2230	None	None	None	None	Frame	USB	None	None	Win7 Pro64 DG 08/20/13
10AD0020US	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N6235	Media	None	None	None	None	USB	vPro*	None	Win7 Pro64 DG 11/12/13
10AD0021US	i3-4130	4GBx1	2.0M	500G 7200	HD 4400	N2230	None	None	None	None	None	USB	None	None	Win7 Pro64 DG 11/12/13
10AD0022US	i5-4570S	4GBx1	2.0M	256G SSD	HD 4600	N2230	Media	None	None	None	Monitor	USB	vPro	None	Win7 Pro64 DG 11/12/13

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning Processor	<i>Premium All-In-One PC for the enterprise</i> Intel® Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller	Preloaded operating system Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Implementation	Processor in LGA1150 socket	Ready to install applications (only some listed) <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)	
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]</i>	Preloaded applications (only some listed) <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Device Experience • ThinkVantage AutoLock • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote • Intel AppUp • Lenovo Solutions for Small Business • Nitro Pro
Display	23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector	
Light sensor	Optional ambient light sensor	
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off	
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button	
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide	
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable	
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar	
Media reader	Optional 11-in-1 media card reader	
Chipset	Intel Q87 Express Chipset	
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)	
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	
ExpressCard	None	
mSATA	One mSATA slot	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11a/b/g/n wireless, PCIe Half Mini Card, Intel Centrino Advanced-N 6235, Wi-Fi + Bluetooth combo adapter, Intel vPro technology support, 2x2	
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter	
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®	
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified	
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)	
Security chip	Trusted Platform Module (TPM 1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Power supply	150 watts, autosensing, 85% PSU	
Machine	<ul style="list-style-type: none"> • Business black color • Toolless back cover, stand removal • Toolless disk, optical drive, memory removal • Support VESA mount (100mm) Multi-touch model(s) with frame stand: <ul style="list-style-type: none"> • (WxDxH) 22.4" X 3.7" X 17.6"; 568mm X 93.1mm X 447.3 mm • 24.7 lb (11.22 kg) in maximum configuration • Adjustable stand (between 10° and 45°) Multi-touch model(s) with monitor stand: <ul style="list-style-type: none"> • (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm • 28.9 lb (13.12 kg) in maximum configuration • Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 	Security <ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement • Chassis intrusion switch on selected model(s)
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	EPEAT™ Gold rating ENERGY STAR® 6.0-compliant TCO Certified Edge TUV Green Mark ULE Gold EuP 2013 Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
US model(s) announced August 20, 2013 or November 12, 2013

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ThinkCentre M93z (10AD) - Multi-touch (TopSeller) - III

Product Specifications Reference (PSREF)

Type-model	Pro-processor	Memory	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial port	Chassis intrusion switch	Stand type	Key-board/ Mouse	Intel vPro Global	Preload	Ann date (mm/dd/yy)
10AD0024US	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N7260	Media	None	None	None	Monitor	USB	vPro* None	Win7 P64 DG	Win8.1 01/21/14
10AD0025US	i7-4770S	4GBx1	2.0M	500G Hybrid	HD 4600	N7260	Media	None	None	None	Monitor	USB	vPro None	Win7 P64 DG	Win8.1 01/21/14
10AD0026US	i3-4130	4GBx1	2.0M	500G 7200	HD 4400	N7260	None	None	None	None	Monitor	USB	None None	Win7 P64 DG	Win8.1 01/21/14
10AD0027US	i3-4130	4GBx1	2.0M	500G 7200	HD 4400	N7260	None	None	None	None	Frame	USB	None None	Win7 P64 DG	Win8.1 01/21/14

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

● Small and medium business (SMB) model(s), part of the US TopSeller™ Program

Positioning	<i>Premium All-In-One PC for the enterprise</i>											Preloaded operating system
Processor	Intel® Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770S Processor (4 cores / 8 threads, 3.1GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit
Implementation												Ready to install applications (only some listed)
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]											Preloaded applications (only some listed)
Display	23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector											<ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Device Experience ● ThinkVantage AutoLock ● Desktop Power Manager ● View Management Utility ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink PowerDVD (DVD±RW, DVD) ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Evernote ● Intel AppUp ● Lenovo Solutions for Small Business ● Nitro Pro
Light sensor	Optional ambient light sensor											
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch											
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off											
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button											
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide											
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable											
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar											
Media reader	Optional 11-in-1 media card reader											
Chipset	Intel Q87 Express Chipset											
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)											
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)											
ExpressCard	None											
mSATA	One mSATA slot											
PCIe Mini Card	One PCI Express® Mini Card slot											
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2											
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®											
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified Intel Active Management Technology 9.0 (Intel AMT 9.0)											
Intel AMT	Trusted Platform Module (TPM 1.2-compliant)											
Security chip												
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Power supply	150 watts, autosensing, 85% PSU											
Machine	<ul style="list-style-type: none"> ● Business black color ● Toolless back cover, stand removal ● Toolless disk, optical drive, memory removal ● Support VESA mount (100mm) Multi-touch model(s) with frame stand: <ul style="list-style-type: none"> ● (WxDxH) 22.4" X 3.7" X 17.6"; 568mm X 93.1mm X 447.3 mm ● 24.7 lb (11.22 kg) in maximum configuration ● Adjustable stand (between 10° and 45°) Multi-touch model(s) with monitor stand: <ul style="list-style-type: none"> ● (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm ● 28.9 lb (13.12 kg) in maximum configuration ● Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant TCO Certified Edge TUV Green Mark ULE Gold EuP 2013 Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
US model(s) announced January 21, 2014

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(MPHS1-18) January 2014

ThinkCentre M93z (10AD) - Multi-touch (TopSeller) - IV

Product Specifications Reference (PSREF)

Type-model	Pro-processor	Memory ^a	Camera (mega-pixel)	Disk SATA GB	rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial port	Chassis intrusion switch	Stand type	Key-board/ Mouse	Intel vPro Global	Preload	Ann date (mm/yy)	
10AD002LUS	i3-4150	4GBx1	2.0M	500G	7200	HD 4400	N7260	Media	None	None	None	Monitor	USB	None	None	Win7 P64 DG	Win8.1 10/14
10AD002GUS	i5-4590S	4GBx1	2.0M	1TB	7200	HD 4600	N7260	None	None	None	None	Monitor	USB	vPro*	None	Win7 P64 DG	Win8.1 10/14
10AD002RUS	i7-4790S	8GBx1	2.0M	1TB	7200	HD 4600	N7260	None	None	None	None	Monitor	USB	vPro	None	Win7 P64 DG	Win8.1 10/14
10AD002PUS	i7-4790S	4GBx1	2.0M	500G	7200	HD 4600	N7260	None	None	None	None	Monitor	USB	vPro	None	Win7 P64 DG	Win8.1 10/14
10AD002NUS	i3-4150	4GBx1	2.0M	180G	SSD	HD 4400	N7260	Media	None	None	None	Frame	USB	None	None	Win7 P64 DG	Win8.1 10/14
10AD002MUS	i3-4150	4GBx1	2.0M	500G	7200	HD 4400	N7260	Media	None	None	None	Frame	USB	None	None	Win7 P64 DG	Win8.1 10/14
10AD002SUS	i7-4790S	4GBx1	2.0M	180G	SSD	HD 4600	N7260	None	None	None	None	Monitor	USB	vPro	None	Win7 P64 DG	Win8.1 10/14
10AD002QUS	i7-4790S	8GBx1	2.0M	256G	SSD	HD 4600	N7260	None	None	None	None	Monitor	USB	vPro	None	Win7 P64 DG	Win8.1 10/14
10AD002KUS	i5-4590S	4GBx1	2.0M	500G	7200	HD 4600	N7260	None	Sensor	None	None	Frame	USB	vPro	None	Win7 P64 DG	Win8.1 10/14
10AD002HUS	i5-4590S	8GBx1	2.0M	256G	SSD	HD 4600	N7260	None	None	None	None	Monitor	USB	vPro	None	Win7 P64 DG	Win8.1 10/14

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Premium All-In-One PC for the enterprise</i>	<p>Preloaded operating system</p> <p>Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit</p> <p>Ready to install applications (only some listed)</p> <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager <p>Preloaded applications (only some listed)</p> <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Device Experience • ThinkVantage AutoLock • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote • Intel AppUp • Lenovo Solutions for Small Business • Nitro Pro <p>Security</p> <ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement • Chassis intrusion switch on selected model(s) <p>EPEAT™ Gold rating ENERGY STAR® 6.0-compliant TCO Certified Edge TUV Green Mark ULE Gold EuP 2013 Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant</p> <p>Supports ThinkVantage Technologies</p> <p>For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet</p>
Processor	Intel® Core™ i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4590S Processor (4 cores / 4 threads, 3.0GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4790S Processor (4 cores / 8 threads, 3.2GHz, 8MB cache), Turbo Boost 2.0 (4.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller	
Implementation	Processor in LGA1150 socket	
Memory	16GB max, PC3-12800 1600MHz DDR3, two 204-pin SODIMM sockets (notebook)	
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]	
Display	23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color, IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector	
Light sensor	Optional ambient light sensor	
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off	
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button	
Disk	Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide	
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable	
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar	
Media reader	Optional 11-in-1 media card reader	
Chipset	Intel Q87 Express Chipset	
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)	
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	
ExpressCard	None	
mSATA	One mSATA slot	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2	
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter	
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®	
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified	
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)	
Security chip	Trusted Platform Module (TPM 1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Power supply	150 watts, autosensing, 85% PSU	
Machine	<ul style="list-style-type: none"> • Business black color • Toolless back cover, stand removal • Toolless disk, optical drive, memory removal • Support VESA mount (100mm) <p>Multi-touch model(s) with frame stand:</p> <ul style="list-style-type: none"> • (WxDxH) 22.4" X 3.7" X 17.6"; 568mm X 93.1mm X 447.3 mm • 24.7 lb (11.22 kg) in maximum configuration • Adjustable stand (between 10° and 45°) <p>Multi-touch model(s) with monitor stand:</p> <ul style="list-style-type: none"> • (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm • 28.9 lb (13.12 kg) in maximum configuration • Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 	
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	

See footnotes for important warranty information

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(MPHS1-19) October 2014

ThinkCentre M93z (10AD) - Multi-touch (TopSeller) - V

Product Specifications Reference (PSREF)

Type-model	Pro-processor	Memory	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial port	Chassis intrusion switch	Stand type	Key-board/ Mouse	Intel vPro Global	Preload	Ann date (mm/yy)
10AD002FUS	i5-4590S	4GBx1	2.0M	500G 7200	HD 4600	N7260	None	None	None	None	Monitor	USB vPro*	None	Win7 P64 DG	Win8.1 10/14
10AD002JUS	i5-4590S	4GBx1	2.0M	180G SSD	HD 4600	N7260	None	Sensor	None	None	Monitor	USB vPro	None	Win7 P64 DG	Win8.1 10/14
10AD002UUS	i5-4590S	4GBx1	2.0M	500G 7200	HD 4600	N7260	Media	None	None	None	Monitor	USB vPro	None	Win7 P64 DG	Win8.1 03/15

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Premium All-In-One PC for the enterprise</i>											Preloaded operating system			
Processor	Intel® Core™ i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4590S Processor (4 cores / 4 threads, 3.0GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4790S Processor (4 cores / 8 threads, 3.2GHz, 8MB cache), Turbo Boost 2.0 (4.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit			
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)			
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager 			
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]</i>											Preloaded applications (only some listed)			
Display	23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector											<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Device Experience • ThinkVantage AutoLock • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote • Intel AppUp • Lenovo Solutions for Small Business • Nitro Pro 			
Light sensor	Optional ambient light sensor														
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch														
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off														
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button														
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide														
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable														
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar														
Media reader	Optional 11-in-1 media card reader														
Chipset	Intel Q87 Express Chipset														
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)														
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)														
ExpressCard	None														
mSATA	One mSATA slot														
PCIe Mini Card	One PCI Express® Mini Card slot														
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2											Security			
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											<ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement • Chassis intrusion switch on selected model(s) 			
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®														
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified														
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)														
Security chip	Trusted Platform Module (TPM 1.2-compliant)														
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Power supply	150 watts, autosensing, 85% PSU														
Machine	<ul style="list-style-type: none"> • Business black color • Toolless back cover, stand removal • Toolless disk, optical drive, memory removal • Support VESA mount (100mm) Multi-touch model(s) with frame stand: <ul style="list-style-type: none"> • (WxDxH) 22.4" X 3.7" X 17.6"; 568mm X 93.1mm X 447.3 mm • 24.7 lb (11.22 kg) in maximum configuration • Adjustable stand (between 10° and 45°) Multi-touch model(s) with monitor stand: <ul style="list-style-type: none"> • (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm • 28.9 lb (13.12 kg) in maximum configuration • Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant TCO Certified Edge TUV Green Mark ULE Gold EuP 2013 Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant			
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			

See footnotes for important warranty information

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(MPHS1-20) March 2015

ThinkCentre M93z (10AD) - Multi-touch (TopSeller) - Windows 8

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial port	Chassis intrusion switch	Stand type	Key-board/ Mouse	Intel vPro Global	Preload	Ann date (mm/dd/yy)
10AD0002US	i5-4670S	4GBx1	2.0M	500G 7200	HD 4600	N2230	Media	None	None	None	Monitor	2.4G vPro	None	Win8 Pro64	07/09/13
10AD0006US	i7-4770S	8GBx1	2.0M	500G Hybrid	HD 4600	N2230	Media	None	None	None	Frame	2.4G vPro	None	Win8 Pro64	07/09/13
10AD0007US	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N6235	Media	None	None	None	Monitor	2.4G vPro	None	Win8 Pro64	07/09/13
10AD001DUS	i5-4670S	4GBx1	2.0M	500G 7200	HD 4600	N2230	Media	Sensor	None	None	Monitor	USB vPro	None	Win8 Pro64	07/23/13
10AD001EUS	i5-4670S	4GBx1	2.0M	1TB 7200	HD 4600	N2230	Media	None	None	None	Monitor	USB vPro	None	Win8 Pro64	07/23/13
10AD001FUS	i7-4770S	8GBx1	2.0M	1TB 7200	HD 4600	N6235	Media	Sensor	None	None	Monitor	USB vPro	None	Win8 Pro64	07/23/13
10AD001NUS	i3-4130	4GBx1	2.0M	500G 7200	HD 4400	N2230	Media	None	None	None	Monitor	USB	None	Win8 Pro64	08/20/13

^a Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Premium All-In-One PC for the enterprise</i>											Preloaded operating system		
Processor	Intel® Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4670S Processor (4 cores / 4 threads, 3.1GHz, 6MB cache), Turbo Boost 2.0 (3.8GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770S Processor (4 cores / 8 threads, 3.1GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Windows® 8 Pro 64-bit Web install applications (only some listed) • Password Manager Preloaded applications (only some listed) • ThinkVantage System Update • ThinkVantage AutoLock • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Support • Lenovo Companion • Norton Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote® • Intel AppUp • Lenovo Solutions for Small Business • Nitro Pro • AccuWeather • Norton™ Studio		
Implementation	Processor in LGA1150 socket													
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)													
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]</i>													
Display	23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector													
Light sensor	Optional ambient light sensor													
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch													
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off													
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button													
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide													
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable													
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar													
Media reader	Optional 11-in-1 media card reader													
Chipset	Intel Q87 Express Chipset													
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)													
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)													
ExpressCard	None													
mSATA	One mSATA slot													
PCIe Mini Card	One PCI Express® Mini Card slot													
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11a/b/g/n wireless, PCIe Half Mini Card, Intel Centrino Advanced-N 6235, Wi-Fi + Bluetooth combo adapter, Intel vPro technology support, 2x2													
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											Security		
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®											• Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis)		
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified											• Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement • Chassis intrusion switch on selected model(s)		
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)													
Security chip	Trusted Platform Module (TPM 1.2-compliant)													
Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo® logo <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black													
Mouse	<i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black													
Power supply	150 watts, autosensing, 85% PSU													
Machine	<ul style="list-style-type: none"> • Business black color • Toolless back cover, stand removal • Toolless disk, optical drive, memory removal • Support VESA mount (100mm) Multi-touch model(s) with frame stand: <ul style="list-style-type: none"> • (WxDxH) 22.4" X 3.7" X 17.6"; 568mm X 93.1mm X 447.3 mm • 24.7 lb (11.22 kg) in maximum configuration • Adjustable stand (between 10° and 45°) Multi-touch model(s) with monitor stand: <ul style="list-style-type: none"> • (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm • 28.9 lb (13.12 kg) in maximum configuration • Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant TCO Certified Edge TUV Green Mark ULE Gold EuP 2013 Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant		
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet		

See footnotes for important warranty information
 US model(s) announced July 9, 2013, July 23, 2013, August 20, 2013

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 (MPHS1-6) September 2013

ThinkCentre M93z (10AD) - Multi-touch (TopSeller) - Windows 8.1

Product Specifications Reference (PSREF)

Type-model	Pro-processor	Memory	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial & PS/2 port	Chassis intrusion switch	Stand type	Key-board/ Mouse	Intel vPro Global	Preload	Ann date (mm/dd/yy)
10AD0028US	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N7260	Media	Sensor	None	None	Frame	USB	vPro* None	Win8.1 Pro64	01/21/14
10AD0029US	i5-4670S	4GBx1	2.0M	500G 7200	HD 4600	N7260	Media	Sensor	None	None	Monitor	USB	vPro None	Win8.1 Pro64	01/21/14

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Premium All-In-One PC for the enterprise</i>											Preloaded operating system
Processor	Intel® Core™ i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4670S Processor (4 cores / 4 threads, 3.1GHz, 6MB cache), Turbo Boost 2.0 (3.8GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Windows® 8.1 Pro 64-bit
Implementation	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											Web install applications (only some listed)
Memory												<ul style="list-style-type: none"> • Password Manager
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD] 23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color, IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector</i>											Preloaded applications (only some listed)
Display												<ul style="list-style-type: none"> • ThinkVantage System Update • ThinkVantage AutoLock • Desktop Power Manager • Lenovo Solution Center • Lenovo Support • Lenovo Companion • Norton Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote® • Intel AppUp • Lenovo Solutions for Small Business • Nitro Pro • AccuWeather • Norton™ Studio • Pokki • Hightail
Light sensor	Optional ambient light sensor											
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch											
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off											
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button											
Disk	<i>Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm</i>											
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable											
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar											
Media reader	Optional 11-in-1 media card reader											
Chipset	Intel Q87 Express Chipset											
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)											
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)											
ExpressCard	None											
mSATA	One mSATA slot											
PCIe Mini Card	One PCI Express® Mini Card slot											
PCIe WLAN	<i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2</i>											
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®											
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified											
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)											
Security chip	Trusted Platform Module (TPM 1.2-compliant)											Security
Keyboard	<i>Some: Preferred Pro USB Keyboard (USB connector), Lenovo® logo</i> <i>Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black</i>											<ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement • Chassis intrusion switch on selected model(s)
Mouse	<i>Some: Enhanced Optical USB Mouse, black, Lenovo logo</i> <i>Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black</i>											
Power supply	150 watts, autosensing, 85% PSU											
Machine	<ul style="list-style-type: none"> • Business black color • Toolless back cover, stand removal • Toolless disk, optical drive, memory removal • Support VESA mount (100mm) <p><i>Multi-touch model(s) with frame stand:</i></p> <ul style="list-style-type: none"> • (WxDxH) 22.4" X 3.7" X 17.6"; 568mm X 93.1mm X 447.3 mm • 24.7 lb (11.22 kg) in maximum configuration • Adjustable stand (between 10° and 45°) <p><i>Multi-touch model(s) with monitor stand:</i></p> <ul style="list-style-type: none"> • (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm • 28.9 lb (13.12 kg) in maximum configuration • Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant TCO Certified Edge TUV Green Mark ULE Gold EuP 2013 Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies
												For compatible accessories, please go to TC-AQP sheet;
												For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
US model(s) announced January 21, 2014

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ThinkCentre M93z (10AE)

Product Specifications Reference (PSREF)

Type-model	Pro-processor	Memory	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial Light & PS/2 port	Chassis intrusion switch	Stand type	Key-board/ Mouse	Intel vPro Global	Preload	Ann date (mm/dd/yy)
10AE000FUS	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N2230	None	None	None	None	Monitor	USB vPro*	None	Win7 Pro64	DG 07/09/13
10AE000GUS	i7-4770S	4GBx1	2.0M	1TB 7200	HD 4600	N6235	Media	None	None	None	Monitor	USB vPro	None	Win7 Pro64	DG 07/09/13
10AE000HUS	i5-4430S	4GBx1	2.0M	500G 7200	HD 4600	N2230	None	None	None	None	Frame	USB	None	Win7 Pro64	DG 07/09/13
10AE000YUS	i5-4570S	4GBx1	2.0M	500G Hybrid	HD 4600	N2230	Media	None	None	None	Frame	USB vPro	None	Win7 Pro64	DG 07/09/13

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Premium All-In-One PC for the enterprise</i>											Preloaded operating system			
Processor	Intel® Core™ i5-4430S Processor (4 cores / 4 threads, 2.7GHz, 6MB cache), Turbo Boost 2.0 (3.2GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i7-4770S Processor (4 cores / 8 threads, 3.1GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1150 socket											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Ready to install applications (only some listed) <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager 			
Implementation	Processor in LGA1150 socket											Preloaded applications (only some listed)			
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Device Experience • ThinkVantage AutoLock • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote • Intel AppUp • Lenovo Solutions for Small Business • Nitro Pro 			
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]</i>														
Display	23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector														
Light sensor	Optional ambient light sensor														
Multi-touch	None														
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off														
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button														
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide														
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable														
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar														
Media reader	Optional 11-in-1 media card reader														
Chipset	Intel Q87 Express Chipset														
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)														
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)														
ExpressCard	None														
mSATA	One mSATA slot														
PCIe Mini Card	One PCI Express® Mini Card slot														
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11a/b/g/n wireless, PCIe Half Mini Card, Intel Centrino Advanced-N 6235, Wi-Fi + Bluetooth combo adapter, Intel vPro technology support, 2x2														
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											Security			
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®											<ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) 			
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified Intel Active Management Technology 9.0 (Intel AMT 9.0)											<ul style="list-style-type: none"> • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement • Chassis intrusion switch on selected model(s) 			
Intel AMT	Trusted Platform Module (TPM 1.2-compliant)														
Security chip															
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Power supply	150 watts, autosensing, 85% PSU														
Machine	<ul style="list-style-type: none"> • Business black color • Toolless back cover, stand removal • Toolless disk, optical drive, memory removal • Support VESA mount (100mm) Non-touch model(s) with frame stand: <ul style="list-style-type: none"> • (WxDxH) 22.4" X 3.6" X 17.6"; 568mm X 92.5mm X 447.3 mm • 21.3 lb (9.68 kg) in maximum configuration • Adjustable stand (between 10° and 45°) Non-touch model(s) with monitor stand: <ul style="list-style-type: none"> • (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm • 25.5 lb (11.58 kg) in maximum configuration • Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant TCO Certified Edge TUV Green Mark ULE Gold EuP 2013 Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies			
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			

See footnotes for important warranty information
US model(s) announced July 9, 2013

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(MPHS1-7) July 2013

Type-model	Processor	Memory ^a	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial & PS/2 port	Chassis intrusion switch	Stand type	Key-board/ Mouse	Intel vPro Global	Preload	Ann date (mm/dd/yy)
10AE001GUS	i3-4130	4GBx1	2.0M	500G 7200	HD 4400	N2230	None	None	None	None	Monitor	USB	None	None	Win7 P64 DG Win8 08/20/13
10AE001HUS	G3220	4GBx1	2.0M	500G 7200	Intel HD	N105	None	None	None	None	Frame	USB	None	None	Win7 P64 DG Win8 08/20/13
10AE001JUS	i3-4130	4GBx1	2.0M	500G Hybrid	HD 4400	N2230	None	None	None	None	Monitor	USB	None	None	Win7 P64 DG Win8 08/20/13
10AE002TUS	i5-4590S	4GBx1	2.0M	256G SSD	HD 4600	N7260	Media	None	None	None	Monitor	USB	vPro*	None	Win7 P64 DG Win8.1 01/06/15
10AE002UUS	i7-4790S	8GBx1	2.0M	1TB 7200	HD 4600	N7260	Media	None	None	None	Monitor	USB	vPro	None	Win7 P64 DG Win8.1 01/06/15
10AE002SUS	i5-4590S	4GBx1	2.0M	500G 7200	HD 4600	N7260	Media	None	None	None	Frame	USB	vPro	None	Win7 P64 DG Win8.1 01/06/15
10AE002RUS	i3-4150	4GBx1	2.0M	500G 7200	HD 4400	N7260	Media	None	None	None	Frame	USB	None	None	Win7 P64 DG Win8.1 01/06/15

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning Processor	<p><i>Premium All-In-One PC for the enterprise</i></p> <p>Intel® Pentium® G3220 Processor (2 cores / 2 threads, 3.0GHz, 3MB cache), Intel HD Graphics, 1333MHz DDR3 memory controller</p> <p>Intel Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller</p> <p>Intel Core i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller</p> <p>Intel Core i5-4590S Processor (4 cores / 4 threads, 3.0GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p> <p>Intel Core i7-4790S Processor (4 cores / 8 threads, 3.2GHz, 8MB cache), Turbo Boost 2.0 (4.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller</p> <p>Processor in LGA1150 socket</p>	<p>Preloaded operating system</p> <p>Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8/8.1 Pro 64-bit</p> <p>Ready to install applications (only some listed)</p> <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager <p>Preloaded applications (only some listed)</p> <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Device Experience • ThinkVantage AutoLock • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote • Intel AppUp • Lenovo Solutions for Small Business • Nitro Pro
Memory	<p>16GB max, PC3-12800 1600MHz DDR3*, two 204-pin SODIMM sockets (notebook)</p> <p>*System automatically clocks down for processors with 1333MHz memory controller</p>	
Graphics	<p>Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]</i></p>	
Display	<p>23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color, IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector</p>	
Light sensor	Optional ambient light sensor	
Multi-touch	None	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off	
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button	
Disk	<p><i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm</p> <p><i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</p> <p><i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide</p>	
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable	
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar	
Media reader	Optional 11-in-1 media card reader	
Chipset	Intel Q87 Express Chipset	
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)	
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	
ExpressCard	None	
mSATA	One mSATA slot	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	<p><i>Some:</i> 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1</p> <p><i>Some:</i> 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + BT, 2x2</p> <p><i>Some:</i> 11b/g/n, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + BT, 2x2</p>	
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter	
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®	
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified	
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)	
Security chip	Trusted Platform Module (TPM 1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Power supply	150 watts, autosensing, 85% PSU	
Machine	<ul style="list-style-type: none"> • Business black color • Toolless back cover, stand removal • Toolless disk, optical drive, memory removal • Support VESA mount (100mm) <p><i>Non-touch model(s) with frame stand:</i></p> <ul style="list-style-type: none"> • (WxDxH) 22.4" X 3.6" X 17.6"; 568mm X 92.5mm X 447.3 mm • 21.3 lb (9.68 kg) in maximum configuration • Adjustable stand (between 10° and 45°) <p><i>Non-touch model(s) with monitor stand:</i></p> <ul style="list-style-type: none"> • (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm • 25.5 lb (11.58 kg) in maximum configuration • Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 	<p>EPEAT™ Gold rating</p> <p>ENERGY STAR® 6.0-compliant</p> <p>TCO Certified Edge</p> <p>TUV Green Mark</p> <p>ULE Gold</p> <p>EuP 2013</p> <p>Cisco EnergyWise compatible</p> <p>GREENGUARD® certified</p> <p>RoHS-compliant</p>
Limited Warranty	<p>3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available</p>	<p>Supports ThinkVantage Technologies</p> <p>For compatible accessories, please go to TC-AQP sheet;</p> <p>For Lenovo service upgrade options, please go to S-TC sheet</p>

Type-model	Pro-cessor	Memory ⁸	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial & PS/2 port	Chassis intrusion switch	Stand type	Key-board/ Mouse	Intel vPro	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10AE001FUS	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N2230	Media	Sensor	None	Switch	Monitor	USB	vPro*	G O	Win7 Pro64	07/09/13
10AE001DUS	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N6235	Media	Sensor	None	Switch	Monitor	USB	vPro	G O	Win7 P64 DG Win8	07/09/13
10AE0022US	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	7260 b/g/n	Media	Sensor	None	Switch	Monitor	USB	vPro	G O	Win7 P64 DG Win8.1	02/25/14
10AE002GUS	i5-4590S	4GBx1	2.0M	500G 7200	HD 4600	N2230	Media	Sensor	None	Switch	Monitor	USB	vPro	G O	Win7 Pro64	06/10/14
10AE002LUS	i5-4590S	4GBx1	2.0M	500G 7200	HD 4600	7260 ac	Media	Sensor	None	Switch	Monitor	USB	vPro	G O	Win7 P64 DG Win8.1	07/08/14
10AE002MUS	i5-4590S	4GBx1	2.0M	500G 7200	HD 4600	7260 b/g/n	Media	Sensor	None	Switch	Monitor	USB	vPro	G O	Win7 Pro64	07/08/14
10AE002VUS	i5-4590S	4GBx1	2.0M	500G 7200	HD 4600	7260 b/g/n	None	None	None	None	Monitor	USB	vPro	G O	Win7 P64 DG Win8.1	12/09/14

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Premium All-In-One PC for the enterprise</i>	Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit
Processor	Intel® Core™ i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i5-4590S Processor (4 cores / 4 threads, 3.0GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1150 socket	
Implementation		
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)	
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]</i> 23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector	
Display		
Light sensor	Optional ambient light sensor	
Multi-touch	None	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off	
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button	
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm	Ready to install applications (only some listed) <ul style="list-style-type: none"> Rescue and Recovery™ Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Device Experience ThinkVantage AutoLock Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Lenovo Solutions for Small Business Nitro Pro
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable	
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar	
Media reader	Optional 11-in-1 media card reader	
Chipset	Intel Q87 Express Chipset	
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)	
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	
ExpressCard	None	
mSATA	One mSATA slot	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11a/b/g/n wireless, PCIe Half Mini Card, Intel Centrino Advanced-N 6235, Wi-Fi + Bluetooth combo adapter, Intel vPro technology support, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11ac/a/b/g/n wireless, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo adapter, Intel vPro technology support, 2x2	
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter	
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®	
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified	
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)	
Security chip	Trusted Platform Module (TPM 1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Power supply	150 watts, autosensing, 85% PSU	
Machine	<ul style="list-style-type: none"> Business black color Toolless back cover, stand removal Toolless disk, optical drive, memory removal Support VESA mount (100mm) Non-touch model(s) with frame stand: <ul style="list-style-type: none"> (WxDxH) 22.4" X 3.6" X 17.6"; 568mm X 92.5mm X 447.3 mm 21.3 lb (9.68 kg) in maximum configuration Adjustable stand (between 10° and 45°) Non-touch model(s) with monitor stand: <ul style="list-style-type: none"> (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm 25.5 lb (11.58 kg) in maximum configuration Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 	
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	

See footnotes for important warranty information

ThinkCentre M93z (10AE) - OID (Windows 8/8.1)

Product Specifications Reference (PSREF)

Type-model	Pro-processor	Memory	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial & PS/2 port	Chassis intrusion switch	Stand type	Key-board/ Mouse	Intel vPro	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10AE001EUS	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N2230	Media	Sensor	None	Switch	Monitor	USB	vPro*	G O	Win8 Pro64	07/09/13
10AE0023US	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N7260	Media	Sensor	None	Switch	Monitor	USB	vPro	G O	Win8.1 Pro64	02/25/14

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

- Onsite International Delivery (OID)
- 3-year limited warranty

Positioning	<i>Premium All-In-One PC for the enterprise</i>	Preloaded operating system <i>Some:</i> Windows® 8 Pro 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit
Processor	Intel® Core™ i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1150 socket	
Implementation		Web install applications (only some listed) ● Password Manager Preloaded applications (only some listed) ● ThinkVantage System Update ● ThinkVantage AutoLock ● Desktop Power Manager ● View Management Utility (for Windows 8 only) ● Lenovo Cloud Storage by SugarSync (for Windows 8 only) ● Lenovo Solution Center ● Lenovo Support ● Lenovo Companion ● Norton Internet Security (30 days of virus definitions) ● Skype™ ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink PowerDVD (DVD±RW, DVD) ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Evernote® ● Intel AppUp ● Lenovo Solutions for Small Business ● Nitro Pro ● AccuWeather ● Norton™ Studio ● Pokki (for Windows 8.1 only) ● Hightail (for Windows 8.1 only)
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)	
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]</i>	
Display	23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector	
Light sensor	Optional ambient light sensor	
Multi-touch	None	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off	
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button	
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm	
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable	
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar	
Media reader	Optional 11-in-1 media card reader	
Chipset	Intel Q87 Express Chipset	
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)	
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	
ExpressCard	None	
mSATA	One mSATA slot	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2	
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter	
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®	
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified	
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)	
Security chip	Trusted Platform Module (TPM 1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Power supply	150 watts, autosensing, 85% PSU	
Machine	<ul style="list-style-type: none"> ● Business black color ● Toolless back cover, stand removal ● Toolless disk, optical drive, memory removal ● Support VESA mount (100mm) <p><i>Non-touch model(s) with frame stand:</i></p> <ul style="list-style-type: none"> ● (WxDxH) 22.4" X 3.6" X 17.6"; 568mm X 92.5mm X 447.3 mm ● 21.3 lb (9.68 kg) in maximum configuration ● Adjustable stand (between 10° and 45°) <p><i>Non-touch model(s) with monitor stand:</i></p> <ul style="list-style-type: none"> ● (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm ● 25.5 lb (11.58 kg) in maximum configuration ● Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 	
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	Security <ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● USB port disablement ● Chassis intrusion switch on selected model(s)
		EPEAT™ Gold rating ENERGY STAR® 6.0-compliant TCO Certified Edge TUV Green Mark ULE Gold EuP 2013 Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
US model(s) announced July 9, 2013 or February 25, 2014

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ThinkCentre M93z (10AC) - Multi-touch

Product Specifications Reference (PSREF)

Type-model	Pro-processor	Memory	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial PS/2 port	Chassis intrusion switch	Stand type	Key-board/ Mouse	Intel vPro Global	Preload	Ann date (mm/dd/yy)
10AC000GUS	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N2230	None	None	None	None	Monitor	USB vPro*	None	Win7 Pro64	DG 07/09/13
10AC000HUS	i7-4770S	4GBx1	2.0M	1TB 7200	HD 4600	N6235	Media	None	None	None	Monitor	USB vPro	None	Win7 Pro64	DG 07/09/13
10AC000JUS	i5-4430S	4GBx1	2.0M	500G 7200	HD 4600	N2230	None	None	None	None	Frame	USB	None	Win7 Pro64	DG 07/09/13
10AC0011US	i7-4770S	8GBx1	2.0M	500G Hybrid	HD 4600	N2230	Media	None	None	None	Monitor	2.4G vPro	None	Win7 Pro64	DG 07/09/13

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Premium All-In-One PC for the enterprise</i>											Preloaded operating system			
Processor	Intel® Core™ i5-4430S Processor (4 cores / 4 threads, 2.7GHz, 6MB cache), Turbo Boost 2.0 (3.2GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i7-4770S Processor (4 cores / 8 threads, 3.1GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1150 socket											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Ready to install applications (only some listed) <ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 			
Implementation	Processor in LGA1150 socket											Preloaded applications (only some listed)			
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Device Experience ThinkVantage AutoLock Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Lenovo Solutions for Small Business Nitro Pro 			
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]</i>														
Display	23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector														
Light sensor	Optional ambient light sensor														
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch														
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off														
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button														
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide														
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable														
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar														
Media reader	Optional 11-in-1 media card reader														
Chipset	Intel Q87 Express Chipset														
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)														
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)														
ExpressCard	None														
mSATA	One mSATA slot														
PCIe Mini Card	One PCI Express® Mini Card slot														
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11a/b/g/n wireless, PCIe Half Mini Card, Intel Centrino Advanced-N 6235, Wi-Fi + Bluetooth combo adapter, Intel vPro technology support, 2x2														
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											Security			
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®											<ul style="list-style-type: none"> Security chip (see information on left) Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) 			
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified											<ul style="list-style-type: none"> Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse USB port disablement Chassis intrusion switch on selected model(s) 			
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)														
Security chip	Trusted Platform Module (TPM 1.2-compliant)														
Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo® logo <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black														
Mouse	<i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black														
Power supply	150 watts, autosensing, 85% PSU														
Machine	<ul style="list-style-type: none"> Business black color Toolless back cover, stand removal Toolless disk, optical drive, memory removal Support VESA mount (100mm) Multi-touch model(s) with frame stand: <ul style="list-style-type: none"> (WxDxH) 22.4" X 3.7" X 17.6"; 568mm X 93.1mm X 447.3 mm 24.7 lb (11.22 kg) in maximum configuration Adjustable stand (between 10° and 45°) Multi-touch model(s) with monitor stand: <ul style="list-style-type: none"> (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm 28.9 lb (13.12 kg) in maximum configuration Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant TCO Certified Edge TÜV Green Mark ULE Gold EuP 2013 Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant			
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			

See footnotes for important warranty information
US model(s) announced July 9, 2013

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ThinkCentre M93z (10AC) - Multi-touch - II

Product Specifications Reference (PSREF)

Type-model	Pro-processor	Memory	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial & PS/2 port	Chassis intrusion switch	Stand type	Key-board/ Mouse	Intel vPro Global	Preload	Ann date (mm/dd/yy)
10AC001JUS	i3-4130	4GBx1	2.0M	500G 7200	HD 4400	N2230	None	None	None	None	Monitor	USB	None	None	Win7 Pro64 DG 08/20/13
10AC001KUS	i3-4130	4GBx1	2.0M	500G Hybrid	HD 4400	N2230	None	None	None	None	Monitor	USB	None	None	Win7 Pro64 DG 08/20/13
10AC001LUS	G3220	4GBx1	2.0M	500G 7200	Intel HD	N105	None	None	None	None	Frame	USB	None	None	Win7 Pro64 DG 08/20/13

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

● 3-year limited warranty

Positioning	<i>Premium All-In-One PC for the enterprise</i>											Preloaded operating system			
Processor	Intel® Pentium® G3220 Processor (2 cores / 2 threads, 3.0GHz, 3MB cache) , integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache) , integrated Intel HD Graphics 4400, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Ready to install applications (only some listed)			
Implementation	Processor in LGA1150 socket											<ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager 			
Memory	16GB max, PC3-12800 1600MHz DDR3* , two 204-pin SODIMM sockets (notebook) *System automatically clocks down for processors with 1333MHz memory controller											Preloaded applications (only some listed)			
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]</i>											<ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Device Experience ● ThinkVantage AutoLock ● Desktop Power Manager ● View Management Utility ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink PowerDVD (DVD±RW, DVD) ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Evernote ● Intel AppUp ● Lenovo Solutions for Small Business ● Nitro Pro 			
Display	23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector														
Light sensor	Optional ambient light sensor														
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch														
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off														
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button														
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide														
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable														
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar														
Media reader	Optional 11-in-1 media card reader														
Chipset	Intel Q87 Express Chipset														
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)														
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)														
ExpressCard	None														
mSATA	One mSATA slot														
PCIe Mini Card	One PCI Express® Mini Card slot														
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2											Security <ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● USB port disablement ● Chassis intrusion switch on selected model(s) 			
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter														
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®														
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified														
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)														
Security chip	Trusted Platform Module (TPM 1.2-compliant)														
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Power supply	150 watts, autosensing, 85% PSU														
Machine	<ul style="list-style-type: none"> ● Business black color ● Toolless back cover, stand removal ● Toolless disk, optical drive, memory removal ● Support VESA mount (100mm) <i>Multi-touch model(s) with frame stand:</i> <ul style="list-style-type: none"> ● (WxDxH) 22.4" X 3.7" X 17.6"; 568mm X 93.1mm X 447.3 mm ● 24.7 lb (11.22 kg) in maximum configuration ● Adjustable stand (between 10° and 45°) <i>Multi-touch model(s) with monitor stand:</i> <ul style="list-style-type: none"> ● (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm ● 28.9 lb (13.12 kg) in maximum configuration ● Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant TCO Certified Edge TUV Green Mark ULE Gold EuP 2013 Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant			
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			

See footnotes for important warranty information
US model(s) announced August 20, 2013

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ThinkCentre M93z (10AC) - Multi-touch - III

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial port	Chassis intrusion switch	Stand type	Key-board/Mouse	Intel vPro	Global	Preload	Ann date (mm/dd/yy)
10AC003FUS	i3-4150	8GBx1	2.0M	256G SSD	HD 4400	N7260	Media	None	None	None	Monitor	USB	None	None	Win7 P64 DG	Win8.1 10/14/14
10AC003HUS	i3-4150	4GBx1	2.0M	500G 7200	HD 4400	N7260	Media	None	None	None	Frame	USB	None	None	Win7 P64 DG	Win8.1 10/14/14
10AC003DUS	i3-4150	4GBx1	2.0M	500G 7200	HD 4400	N7260	Media	None	None	None	Monitor	USB	None	None	Win7 P64 DG	Win8.1 10/14/14
10AC0038US	i5-4590S	4GBx1	2.0M	500G 7200	HD 4600	N7260	Media	None	None	None	Monitor	USB vPro	None	None	Win7 P64 DG	Win8.1 10/14/14
10AC003GUS	i3-4150	8GBx1	2.0M	256G SSD	HD 4400	N7260	Media	None	None	None	Frame	USB	None	None	Win7 P64 DG	Win8.1 10/14/14
10AC003AUS	i5-4590S	4GBx1	2.0M	180G SSD	HD 4600	N7260	Media	Sensor	None	None	Frame	USB	vPro	None	Win7 P64 DG	Win8.1 10/14/14
10AC003JUS	i3-4150	4GBx1	2.0M	180G SSD	HD 4400	N7260	Media	None	None	None	Frame	USB	None	None	Win7 P64 DG	Win8.1 10/14/14
10AC003CUS	i7-4790S	8GBx1	2.0M	256G SSD	HD 4600	N7260	None	None	None	None	Monitor	USB vPro	None	None	Win7 P64 DG	Win8.1 10/14/14
10AC0039US	i5-4590S	8GBx1	2.0M	256G SSD	HD 4600	N7260	Media	Sensor	None	None	Monitor	USB vPro	None	None	Win7 P64 DG	Win8.1 10/14/14
10AC003EUS	i3-4150	4GBx1	2.0M	180G SSD	HD 4400	N7260	Media	None	None	None	Monitor	USB	None	None	Win7 P64 DG	Win8.1 10/14/14
10AC003BUS	i7-4790S	4GBx1	2.0M	500G 7200	HD 4600	N7260	None	None	None	None	Monitor	USB vPro	None	None	Win7 P64 DG	Win8.1 10/14/14
10AC003KUS	i7-4790S	8GBx1	2.0M	1TB 7200	HD 4600	N7260	Media	None	None	None	Monitor	USB vPro	None	None	Win7 P64 DG	Win8.1 01/06/15

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Premium All-In-One PC for the enterprise</i>											Preloaded operating system				
Processor	Intel® Core™ i3-4150 Processor (2 cores / 4 threads, 3.5GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4590S Processor (4 cores / 4 threads, 3.0GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4790S Processor (4 cores / 8 threads, 3.2GHz, 8MB cache), Turbo Boost 2.0 (4.0GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit				
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)				
Memory	16GB max, PC3-12800 1600MHz DDR3* , two 204-pin SODIMM sockets (notebook) *System automatically clocks down for processors with 1333MHz memory controller											<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager Preloaded applications (only some listed)				
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution: 3840x2160 (DP) @60Hz [HD 4x00]; 2560x1600 (DP) @60Hz [Intel HD]</i>											<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Device Experience ThinkVantage AutoLock Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Lenovo Solutions for Small Business Nitro Pro 				
Display	23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector															
Light sensor	Optional ambient light sensor															
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch															
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off															
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button															
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" wide															
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable															
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar															
Media reader	Optional 11-in-1 media card reader															
Chipset	Intel Q87 Express Chipset															
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)															
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)															
ExpressCard	None															
mSATA	One mSATA slot															
PCIe Mini Card	One PCI Express® Mini Card slot															
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2															
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter															
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®															
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified															
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)															
Security chip	Trusted Platform Module (TPM 1.2-compliant)															
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo															
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo															
Power supply	150 watts, autosensing, 85% PSU															
Machine	<ul style="list-style-type: none"> Business black color Toolless back cover, stand removal Toolless disk, optical drive, memory removal Support VESA mount (100mm) Multi-touch model(s) with frame stand: <ul style="list-style-type: none"> (WxDxH) 22.4" X 3.7" X 17.6"; 568mm X 93.1mm X 447.3 mm 24.7 lb (11.22 kg) in maximum configuration Adjustable stand (between 10° and 45°) Multi-touch model(s) with monitor stand: <ul style="list-style-type: none"> (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm 28.9 lb (13.12 kg) in maximum configuration Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant TCO Certified Edge TUV Green Mark ULE Gold EuP 2013 Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant				
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet				

See footnotes for important warranty information

ThinkCentre M93z (10AC) - Multi-touch (Windows 8)

Product Specifications Reference (PSREF)

Type-model	Pro-processor	Memory ^a	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial & PS/2 port	Chassis intrusion switch	Stand type	Key-board/ Mouse vPro Global	Preload	Ann date (mm/dd/yy)
10AC0010US	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N6235	Media	None	None	None	Monitor	2.4G vPro* None	Win8 Pro64	07/09/13
10AC001HUS	i7-4770S	8GBx1	2.0M	1TB 7200	HD 4600	N6235	Media	Sensor	None	None	Monitor	USB vPro None	Win8 Pro64	08/13/13

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

●3-year limited warranty

Positioning	<i>Premium All-In-One PC for the enterprise</i>											Preloaded operating system
Processor	Intel® Core™ i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i7-4770S Processor (4 cores / 8 threads, 3.1GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1150 socket											Windows® 8 Pro 64-bit
Implementation												Web install applications (only some listed)
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> ● Password Manager
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]</i>											Preloaded applications (only some listed)
Display	23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector											<ul style="list-style-type: none"> ● ThinkVantage System Update ● ThinkVantage AutoLock ● Desktop Power Manager ● View Management Utility ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Support ● Lenovo Companion ● Norton Internet Security (30 days of virus definitions) ● Skype™ ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink PowerDVD (DVD±RW, DVD) ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Evernote® ● Intel AppUp ● Lenovo Solutions for Small Business ● Nitro Pro ● AccuWeather ● Norton™ Studio
Light sensor	Optional ambient light sensor											
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch											
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off											
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button											
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm											
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable											
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar											
Media reader	Optional 11-in-1 media card reader											
Chipset	Intel Q87 Express Chipset											
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)											
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)											
ExpressCard	None											
mSATA	One mSATA slot											
PCIe Mini Card	One PCI Express® Mini Card slot											
PCIe WLAN	<i>Some:</i> 11a/b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Advanced-N 6235, Wi-Fi + Bluetooth combo adapter, Intel vPro technology support, 2x2											Security
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											<ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● USB port disablement ● Chassis intrusion switch on selected model(s)
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®											
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified											
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)											
Security chip	Trusted Platform Module (TPM 1.2-compliant)											
Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo® logo <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black											
Mouse	<i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black											
Power supply	150 watts, autosensing, 85% PSU											
Machine	<ul style="list-style-type: none"> ● Business black color ● Toolless back cover, stand removal ● Toolless disk, optical drive, memory removal ● Support VESA mount (100mm) <i>Multi-touch model(s) with frame stand:</i> <ul style="list-style-type: none"> ● (WxDxH) 22.4" X 3.7" X 17.6"; 568mm X 93.1mm X 447.3 mm ● 24.7 lb (11.22 kg) in maximum configuration ● Adjustable stand (between 10° and 45°) <i>Multi-touch model(s) with monitor stand:</i> <ul style="list-style-type: none"> ● (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm ● 28.9 lb (13.12 kg) in maximum configuration ● Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant TCO Certified Edge TUV Green Mark ULE Gold EuP 2013 Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
US model(s) announced July 9, 2013 or August 13, 2013

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ThinkCentre M93z (10AC) - Multi-touch (OID)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial & PS/2 port	Chassis intrusion switch	Stand type	Key-board/ Mouse	Intel vPro	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10AC001GUS	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N2230	Media	Sensor	None	Switch	Monitor	USB	vPro*	G O	Win7 Pro64	07/09/13
10AC001EUS	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N6235	Media	Sensor	None	Switch	Monitor	USB	vPro	G O	Win7 P64 DG Win8	07/09/13
10AC002CUS	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	7260 b/g/n	Media	Sensor	None	Switch	Monitor	USB	vPro	G O	Win7 P64 DG Win8.1	02/25/14
10AC002YUS	i5-4590S	4GBx1	2.0M	500G 7200	HD 4600	N2230	Media	Sensor	None	Switch	Monitor	USB	vPro	G O	Win7 Pro64	06/10/14
10AC0031US	i5-4590S	4GBx1	2.0M	500G 7200	HD 4600	7260 ac	Media	Sensor	None	Switch	Monitor	USB	vPro	G O	Win7 P64 DG Win8.1	07/08/14
10AC0033US	i5-4590S	4GBx1	2.0M	500G 7200	HD 4600	7260 b/g/n	Media	Sensor	None	Switch	Monitor	USB	vPro	G O	Win7 Pro64	07/08/14

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

Positioning	<i>Premium All-In-One PC for the enterprise</i>											Preloaded operating system				
Processor	Intel® Core™ i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i5-4590S Processor (4 cores / 4 threads, 3.0GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1150 socket											Some: Windows® 7 Professional 64 Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit				
Implementation												Ready to install applications (only some listed)				
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 				
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]</i>											Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Device Experience ThinkVantage AutoLock Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Intel AppUp Lenovo Solutions for Small Business Nitro Pro 				
Display	23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector															
Light sensor	Optional ambient light sensor															
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch															
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off															
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button															
Disk	Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm															
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable															
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar															
Media reader	Optional 11-in-1 media card reader															
Chipset	Intel Q87 Express Chipset															
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)															
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)															
ExpressCard	None															
mSATA	One mSATA slot															
PCIe Mini Card	One PCI Express® Mini Card slot															
PCIe WLAN	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 Some: 11a/b/g/n wireless, PCIe Half Mini Card, Intel Centrino Advanced-N 6235, Wi-Fi + Bluetooth combo adapter, Intel vPro technology support, 2x2 Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2 Some: 11ac/a/b/g/n wireless, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo adapter, Intel vPro technology support, 2x2															
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter															
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®															
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified															
Intel AMT	Intel Active Management Technology 9.0 (Intel AMT 9.0)															
Security chip	Trusted Platform Module (TPM 1.2-compliant)											Security <ul style="list-style-type: none"> Security chip (see information on left) Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse USB port disablement Chassis intrusion switch on selected model(s) 				
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo															
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo															
Power supply	150 watts, autosensing, 85% PSU															
Machine	<ul style="list-style-type: none"> Business black color Toolless back cover, stand removal Toolless disk, optical drive, memory removal Support VESA mount (100mm) Multi-touch model(s) with frame stand: <ul style="list-style-type: none"> (WxDxH) 22.4" X 3.7" X 17.6"; 568mm X 93.1mm X 447.3 mm 24.7 lb (11.22 kg) in maximum configuration Adjustable stand (between 10° and 45°) Multi-touch model(s) with monitor stand: <ul style="list-style-type: none"> (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm 28.9 lb (13.12 kg) in maximum configuration Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 											EPEAT™ Gold rating ENERGY STAR® 6.0-compliant TCO Certified Edge TUV Green Mark ULE Gold EuP 2013 Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies				
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet				

See footnotes for important warranty information

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ThinkCentre M93z (10AC) - Multi-touch (OID) - Windows 8/8.1

Product Specifications Reference (PSREF)

Type-model	Pro-processor	Memory	Camera (mega-pixel)	Disk SATA GB rpm	Graphics	PCIe Mini Card WLAN	Media reader	Light sensor	Serial & PS/2 port	Chassis intrusion switch	Stand type	Key-board/ Mouse	Intel vPro	Global (G) OID (O)	Preload	Ann date (mm/dd/yy)
10AC001FUS	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N2230	Media	Sensor	None	Switch	Monitor	USB	vPro*	G O	Win8 Pro64	07/09/13
10AC002DUS	i5-4570S	4GBx1	2.0M	500G 7200	HD 4600	N7260	Media	Sensor	None	Switch	Monitor	USB	vPro	G O	Win8.1 Pro64	02/25/14

* Require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection

- Onsite International Delivery (OID)
- 3-year limited warranty

Positioning	<i>Premium All-In-One PC for the enterprise</i>	Preloaded operating system <i>Some:</i> Windows® 8 Pro 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit
Processor	Intel® Core™ i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 4600, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1150 socket	
Implementation		Web install applications (only some listed) ● Password Manager Preloaded applications (only some listed) ● ThinkVantage System Update ● ThinkVantage AutoLock ● Desktop Power Manager ● View Management Utility (for Windows 8 only) ● Lenovo Cloud Storage by SugarSync (for Windows 8 only) ● Lenovo Solution Center ● Lenovo Support ● Lenovo Companion ● Norton Internet Security (30 days of virus definitions) ● Skype™ ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink PowerDVD (DVD±RW, DVD) ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Evernote® ● Intel AppUp ● Lenovo Solutions for Small Business ● Nitro Pro ● AccuWeather ● Norton™ Studio ● Pokki (for Windows 8.1 only) ● Hightail (for Windows 8.1 only)
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)	
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX 11, external monitor support via DisplayPort, supports dual independent display; <i>Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]</i>	
Display	23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector	
Light sensor	Optional ambient light sensor	
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off	
Controls	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button	
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm	
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable	
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors on planar	
Media reader	Optional 11-in-1 media card reader	
Chipset	Intel Q87 Express Chipset	
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)	
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)	
ExpressCard	None	
mSATA	One mSATA slot	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2	
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter	
Ethernet	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®	
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified	
Intel AMT Security chip	Intel Active Management Technology 9.0 (Intel AMT 9.0) Trusted Platform Module (TPM 1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Power supply	150 watts, autosensing, 85% PSU	
Machine	<ul style="list-style-type: none"> ● Business black color ● Toolless back cover, stand removal ● Toolless disk, optical drive, memory removal ● Support VESA mount (100mm) <p><i>Multi-touch model(s) with frame stand:</i></p> <ul style="list-style-type: none"> ● (WxDxH) 22.4" X 3.7" X 17.6"; 568mm X 93.1mm X 447.3 mm ● 24.7 lb (11.22 kg) in maximum configuration ● Adjustable stand (between 10° and 45°) <p><i>Multi-touch model(s) with monitor stand:</i></p> <ul style="list-style-type: none"> ● (WxDxH) 22.4" X 9.7" X 17.4" to 21.7"; 568mm X 247mm X 441.2mm to 551.2mm ● 28.9 lb (13.12 kg) in maximum configuration ● Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45° 	Security <ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● USB port disablement ● Chassis intrusion switch on selected model(s)
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	EPEAT™ Gold rating ENERGY STAR® 6.0-compliant TCO Certified Edge TUV Green Mark ULE Gold EuP 2013 Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
US model(s) announced July 9, 2013 or February 25, 2104

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(MPHS1-4) February 2013



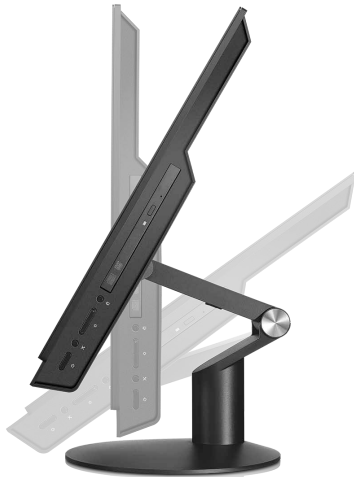
ThinkCentre M900z with basic monitor stand



ThinkCentre M900z with basic monitor stand



ThinkCentre M900z with basic monitor stand



ThinkCentre M900z with UltraFlex II stand



ThinkCentre M900z with UltraFlex II stand



ThinkCentre M900z with multitouch

ThinkCentre M900z Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor							Manageability Intel Active Management Technology 11.0 (Intel AMT 11.0); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection) Trusted Platform Module (TPM 1.2-compliant)															
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro																
	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	No																
	Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530	No																
	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	No																
	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	No																
	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	No																
	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	vPro																
Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	vPro																	
Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	vPro																	
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable							Security chip Security features <ul style="list-style-type: none"> Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) Power-on, admin, hard disk password Boot sequence control Boot without keyboard and mouse Smart USB protection, allows keyboard/mouse only, blocks all storage devices Individual USB port disablement Optional Chassis intrusion switch 															
Disk	<i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm <i>Some:</i> Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide																						
Optical	<i>Some:</i> DVD, SATA 1.5Gb/s, 9.5mm high <i>Some:</i> DVD burner, SATA 1.5Gb/s, 9.5mm high																						
Media reader	Optional 9-in-1 media card reader																						
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™; <i>Max resolution:</i> 4096x2304 (DP)@60Hz																						
Display	23.8" (604.5mm) Full HD 1080p (1920x1080) TFT color , WVA panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare for both touch models and non-touch models, work as standalone monitor via DisplayPort (DP in / out combo)																						
Light sensor	None																						
Multi-touch	Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch																						
Camera	Optional 2.0-megapixel camera, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off, Skype for Business certified																						
Controls	Microphone mute, monitor mode switch, brightness up/down buttons, and power button																						
Chipset	Intel Q170 Chipset																						
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort in/out combo port, optional serial (9-pin),																						
Side ports	Two USB 3.0 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)																						
M.2 card slot	One M.2 Card slot (for WLAN)																						
Audio support	High Definition (HD) Audio, Realtek ALC286 / two internal stereo speakers (3W x 2), Dolby® Audio™ certified, Skype for Business certified																						
WLAN ¹³	<i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, Intel vPro technology support, 2x2																						
Bluetooth™	<i>Some:</i> Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter																						
Ethernet	Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®																						
Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo Slim USB Keyboard (USB connector), black <i>Some:</i> UltraSlim Plus Wireless Keyboard (2.4GHz via USB receiver), black																						
Mouse	<i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> UltraSlim Plus Wireless Mouse (2.4GHz via USB receiver), black																						
Mechanical	<ul style="list-style-type: none"> Business black color Toolless back cover, stand, disk, memory removal Support VESA mount (100mm) <table border="1"> <thead> <tr> <th></th> <th>Dimensions (WxDxH)</th> <th>Max weight (lb / kg)</th> <th>Adjustments</th> </tr> </thead> <tbody> <tr> <td>Without stand:</td> <td>23.0 X 1.8 X 15.4 (inch); 584 X 45 X 390 (mm)</td> <td>(Touch) 17.2 / 7.8 (Non-touch) 15.0 / 6.8</td> <td>N/A</td> </tr> <tr> <td>With Basic Monitor stand:</td> <td>23.0 X 9.6 X 18.0 (inch); 584 X 245 X 458 (mm)</td> <td>(Non-touch) 19.4 / 8.8</td> <td>Tilt: 45° back, -5° forward</td> </tr> <tr> <td>With UltraFlex II stand:</td> <td>23.0X 10.0 X 19.9 (inch); 584 X 253 X 505 (mm)</td> <td>(Touch) 22.7 / 10.3 (Non-touch) 20.7 / 9.4</td> <td>Tilt: 61° back, -5° forward; Lift: 160mm; Swivel: +/-45°</td> </tr> </tbody> </table>								Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments	Without stand:	23.0 X 1.8 X 15.4 (inch); 584 X 45 X 390 (mm)	(Touch) 17.2 / 7.8 (Non-touch) 15.0 / 6.8	N/A	With Basic Monitor stand:	23.0 X 9.6 X 18.0 (inch); 584 X 245 X 458 (mm)	(Non-touch) 19.4 / 8.8	Tilt: 45° back, -5° forward	With UltraFlex II stand:	23.0X 10.0 X 19.9 (inch); 584 X 253 X 505 (mm)	(Touch) 22.7 / 10.3 (Non-touch) 20.7 / 9.4	Tilt: 61° back, -5° forward; Lift: 160mm; Swivel: +/-45°
	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments																				
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With UltraFlex II stand:	23.0X 10.0 X 19.9 (inch); 584 X 253 X 505 (mm)	(Touch) 22.7 / 10.3 (Non-touch) 20.7 / 9.4	Tilt: 61° back, -5° forward; Lift: 160mm; Swivel: +/-45°																				
Power supply	150 watts, autosensing, 85% PSU																						
Limited warranty ³	<i>Some:</i> 1-year or 3-year, depot repair service <i>Some:</i> 1-year or 3-year, limited onsite service <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / <i>For Lenovo service upgrade options, please go to S-TC sheet</i>																						
Preload	Preloaded operating system <i>Some:</i> Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit			Preloaded applications (only some listed) <ul style="list-style-type: none"> Desktop Power Manager Lenovo Solution Center Lenovo REACHit Lenovo SHAREit Lenovo Bluetooth Lock (for models with Wi-Fi/BT card) McAfee® LiveSafe™ (30-day trial) Microsoft Office preloaded; purchase a product key to activate PowerDVD Create (DVD±RW) Lenovo ThinkVantage Tools - Only for Window 10 Lenovo Companion Cyberlink PowerDVD (DVD, DVD±RW) Lenovo QuickOptimizer - Only for Window 7 Rescue and Recovery Password Manager ThinkVantage System Update Lenovo Message Center Plus Adobe® Reader® 																			
Environment	EPEAT™ Gold rating; ENERGY STAR® 6.1; TCO Certified Edge; TUV Green Mark; ULE Gold; ErP Lot 3; GREENGUARD® certified; RoHS-compliant																						
Accessories	For compatible accessories, please go to TC-AQP sheet																						

See footnotes for more detailed information

ThinkCentre M900z (10F3) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Multi-Touch	Graphics	DP Dongle	Camera	Storage	Optical	WLAN	Media reader	Serial port	Chassis intrusion switch	Stand type	Key-board/Mouse vPro	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10F30005US	i5-6500	4GBx1	23.8" FHD	No	Intel HD 530	None	1080p	500GB 7200	DVD±RW	8260 ac vPro	Media	None	None	UltraFlex II	USB vPro	3-onsite	No	Win7 Pro64 DG Win10	11/15
10F30006US	i5-6500	8GBx1	23.8" FHD	No	Intel HD 530	None	1080p	500GB 7200	DVD±RW	8260 ac vPro	Media	None	None	UltraFlex II	USB vPro	3-onsite	No	Win7 Pro64 DG Win10	11/15
10F30007US	i5-6500	4GBx1	23.8" FHD	No	Intel HD 530	None	1080p	500GB 7200	DVD±RW	8260 ac vPro	Media	None	None	Basic Monitor	USB vPro	3-onsite	No	Windows 10 Pro 64	11/15
10F30009US	i5-6500	4GBx1	23.8" FHD	No	Intel HD 530	None	1080p	500GB 7200	DVD±RW	8260 ac vPro	Media	None	None	UltraFlex II	USB vPro	3-onsite	No	Windows 10 Pro 64	11/15
10F3000AUS	i7-6700	4GBx1	23.8" FHD	No	Intel HD 530	None	1080p	500GB 7200	DVD±RW	8260 ac vPro	Media	None	None	UltraFlex II	USB vPro	3-onsite	No	Windows 10 Pro 64	11/15

• For detailed platform specifications, please see [ThinkCentre M900z Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Audio support	High Definition (HD) Audio, Realtek ALC286 / two internal stereo speakers (3W x 2), Dolby® Audio™ certified, Skype for Business certified																																																															
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> <th>Intel vPro</th> </tr> </thead> <tbody> <tr> <td>Pentium G4400</td> <td>2 / 2</td> <td>3.3G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> <td>No</td> </tr> <tr> <td>Pentium G4500</td> <td>2 / 2</td> <td>3.5G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i3-6100</td> <td>2 / 4</td> <td>3.7 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i3-6300</td> <td>2 / 4</td> <td>3.8 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i5-6400</td> <td>4 / 4</td> <td>2.7 G / 3.3 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i5-6500</td> <td>4 / 4</td> <td>3.2 G / 3.6 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> <tr> <td>Core i5-6600</td> <td>4 / 4</td> <td>3.3 G / 3.9 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> <tr> <td>Core i7-6700</td> <td>4 / 8</td> <td>3.4 G / 4.0 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	No	Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530	No	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	No	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	No	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	No	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	vPro	Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	vPro	Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	vPro	WLAN ¹³	<i>Some:</i> 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA9377 (dual band), 1x1 <i>Some:</i> 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 <i>Some:</i> 11ac + BT 4.0, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 <i>Some:</i> 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 <i>Some:</i> 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, vPro, 2x2
Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro																																																												
Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	No																																																												
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Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	vPro																																																												
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Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	vPro																																																												
		Bluetooth™ Ethernet	<i>Some:</i> Bluetooth 4.0 / 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®																																																															
		Manageability	Intel Active Management Technology 11.0 (Intel AMT 11.0); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)																																																															
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable	Security chip	Trusted Platform Module (TPM 1.2-compliant)																																																															
Disk	<i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm <i>Some:</i> Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide	Security features	<ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSave® cable; Kensington lock also locks chassis) • Smart USB protection, allows keyboard/mouse only, blocks all storage devices • Power-on, admin, hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional Chassis intrusion switch 																																																															
Optical	<i>Some:</i> DVD, SATA 1.5Gb/s, 9.5mm high <i>Some:</i> DVD burner, SATA 1.5Gb/s, 9.5mm high	Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo Slim USB Keyboard (USB connector), black <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black <i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																															
Media reader	Optional 9-in-1 media card reader	Mouse																																																																
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™; Max resolution: 4096x2304 (DP)@60Hz	Mechanical	<ul style="list-style-type: none"> • Business black color • Toolless back cover, stand, disk, memory removal • Support VESA mount (100mm) 																																																															
Display	23.8" (604.5mm) Full HD 1080p (1920x1080) TFT color, WVA panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare for both touch models and non-touch models, work as standalone monitor via DisplayPort (DP in / out combo)	Power supply	150 watts, autosensing, 85% PSU																																																															
Light sensor	None	Limited warranty ³	<i>Some:</i> 1-year or 3-year, depot repair service <i>Some:</i> 1-year or 3-year, limited onsite service <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / For Lenovo service upgrade options, please go to S-TC sheet																																																															
Multi-touch	Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch	Preload	<i>Some:</i> Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit																																																															
Camera	Optional 2.0-megapixel camera, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off, Skype for Business certified																																																																	
Controls	Microphone mute, monitor mode switch, brightness up/down buttons, and power button																																																																	
Chipset	Intel Q170 Chipset																																																																	
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort in/out combo port, optional serial (9-pin),																																																																	
Side ports	Two USB 3.0 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)																																																																	
M.2 card slot	One M.2 Card slot (for WLAN)																																																																	

See footnotes for more detailed information

ThinkCentre M900z (10F2) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Multi-Touch	Graphics	DP Dongle	Camera	Storage	Optical	WLAN	Media reader	Serial port	Chassis intrusion switch	Stand type	Keyboard/Mouse vPro	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10F20005US	i7-6700	8GBx1	23.8" FHD	Touch	Intel HD 530	None	1080p	500GB 7200	DVD±RW	8260 ac vPro	Media	None	Switch	UltraFlex II	USB vPro	3-onsite	No	Win7 Pro64 DG Win10	11/15
10F20006US	i5-6500	8GBx1	23.8" FHD	Touch	Intel HD 530	None	1080p	500GB 7200	DVD±RW	8260 ac vPro	Media	None	None	UltraFlex II	USB vPro	3-onsite	No	Win7 Pro64 DG Win10	11/15
10F20008US	i5-6500	4GBx1	23.8" FHD	Touch	Intel HD 530	None	1080p	500GB 7200	DVD±RW	8260 ac vPro	Media	None	None	UltraFlex II	USB vPro	3-onsite	No	Win7 Pro64 DG Win10	11/15
10F20009US	i7-6700	4GBx1	23.8" FHD	Touch	Intel HD 530	None	1080p	500GB 7200	DVD±RW	8260 ac vPro	Media	None	Switch	UltraFlex II	USB vPro	3-onsite	G	Win7 Pro64 DG Win10	11/15
10F2000AUS	i5-6600	4GBx1	23.8" FHD	Touch	Intel HD 530	None	1080p	500GB 7200	DVD±RW	8260 ac vPro	Media	None	None	UltraFlex II	USB vPro	3-onsite	G	Win7 Pro32 DG Win10	11/15
10F2000YUS	i5-6500	4GBx1	23.8" FHD	Touch	Intel HD 530	None	1080p	500GB 7200	DVD±RW	8260 ac vPro	Media	None	None	UltraFlex II	USB vPro	3-onsite	No	Windows 10 Pro 64	11/15
10F20010US	i7-6700	4GBx1	23.8" FHD	Touch	Intel HD 530	None	1080p	500GB 7200	DVD±RW	8260 ac vPro	Media	None	None	UltraFlex II	USB vPro	3-onsite	No	Windows 10 Pro 64	11/15
10F2001BUS	i7-6700	4GBx2	23.8" FHD	Touch	Intel HD 530	None	1080p	128GB SSD	DVD±RW	8260 ac vPro	Media	None	None	UltraFlex II	USB vPro	1-onsite	No	Windows 10 Pro 64	11/15

• For detailed platform specifications, please see [ThinkCentre M900z Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Audio support	High Definition (HD) Audio, Realtek ALC286 / two internal stereo speakers (3W x 2), Dolby® Audio™ certified, Skype for Business certified																																																															
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		Bluetooth™ Ethernet	<i>Some:</i> Bluetooth 4.0 / 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter																																																															
		Manageability	Intel Active Management Technology 11.0 (Intel AMT 11.0); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)																																																															
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable	Security chip	Trusted Platform Module (TPM 1.2-compliant)																																																															
Disk	<p><i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm</p> <p><i>Some:</i> Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm</p> <p><i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</p>	Security features	<ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSave® cable; Kensington lock also locks chassis) • Smart USB protection, allows keyboard/mouse only, blocks all storage devices • Power-on, admin, hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional Chassis intrusion switch 																																																															
Optical	<p><i>Some:</i> DVD, SATA 1.5Gb/s, 9.5mm high</p> <p><i>Some:</i> DVD burner, SATA 1.5Gb/s, 9.5mm high</p>	Keyboard	<p><i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo</p> <p><i>Some:</i> Lenovo Slim USB Keyboard (USB connector), black</p> <p><i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black</p> <p><i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo</p> <p><i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black</p>																																																															
Media reader	Optional 9-in-1 media card reader	Mouse																																																																
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™; Max resolution: 4096x2304 (DP)@60Hz	Mechanical	<ul style="list-style-type: none"> • Business black color • Toolless back cover, stand, disk, memory removal • Support VESA mount (100mm) 																																																															
Display	23.8" (604.5mm) Full HD 1080p (1920x1080) TFT color, WVA panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare for both touch models and non-touch models, work as standalone monitor via DisplayPort (DP in / out combo)	Power supply	150 watts, autosenesing, 85% PSU																																																															
Light sensor	None	Limited warranty ³	<p><i>Some:</i> 1-year or 3-year, depot repair service</p> <p><i>Some:</i> 1-year or 3-year, limited onsite service</p> <p><i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / For Lenovo service upgrade options, please go to S-TC sheet</p>																																																															
Multi-touch	Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch	Preload	<p><i>Some:</i> Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit</p> <p><i>Some:</i> Windows 7 Professional 64</p> <p><i>Some:</i> Windows 10 Pro 64-bit</p> <p><i>Some:</i> Windows 10 Home 64-bit</p>																																																															
Camera	Optional 2.0-megapixel camera, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off, Skype for Business certified																																																																	
Controls	Microphone mute, monitor mode switch, brightness up/down buttons, and power button																																																																	
Chipset	Intel Q170 Chipset																																																																	
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort in/out combo port, optional serial (9-pin),																																																																	
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M.2 card slot	One M.2 Card slot (for WLAN)																																																																	

See footnotes for more detailed information
US model(s) withdrawn effective March 2016

© Lenovo
(M900z-2) March 2016

ThinkCentre M900z (10F2) - TopSeller - II

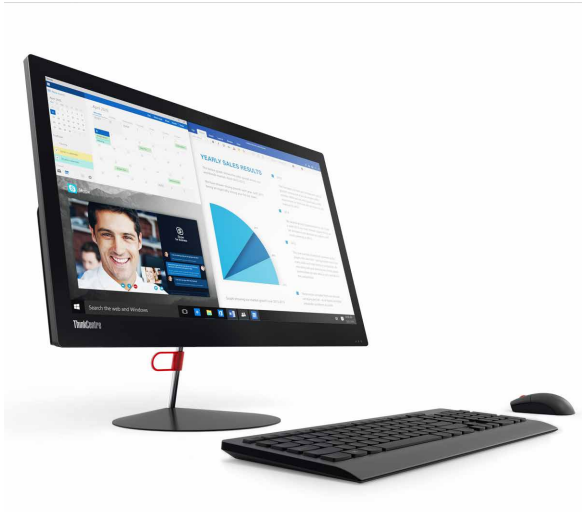
Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Multi-Touch	Graphics	DP Dongle	Camera	Storage	Optical	WLAN	Media reader	Serial port	Chassis intrusion switch	Stand type	Keyboard/Mouse vPro	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)
10F20023US	i7-6700	4GBx1	23.8" FHD	Touch	Intel HD 530	None	1080p	128GB SSD	DVD±RW	8260 ac vPro	Media	None	None	UltraFlex II	USB vPro	3-onsite	No	Windows 10 Pro 64	04/16
10F20026US	i7-6700	4GBx1	23.8" FHD	Touch	Intel HD 530	None	1080p	128GB SSD	DVD±RW	8260 ac vPro	Media	None	None	UltraFlex II	USB vPro	3-onsite	No	Win7 Pro64 DG Win10	04/16
10F20025US	i5-6500	4GBx1	23.8" FHD	Touch	Intel HD 530	None	1080p	128GB SSD	DVD±RW	8260 ac vPro	Media	None	None	UltraFlex II	USB vPro	3-onsite	No	Windows 10 Pro 64	04/16
10F20027US	i5-6500	8GBx1	23.8" FHD	Touch	Intel HD 530	None	1080p	256GB SSD	DVD±RW	8260 ac vPro	Media	None	None	UltraFlex II	USB vPro	3-onsite	No	Windows 10 Pro 64	04/16
10F20024US	i7-6700	8GBx1	23.8" FHD	Touch	Intel HD 530	None	1080p	256GB SSD	DVD±RW	8260 ac vPro	Media	None	None	UltraFlex II	USB vPro	3-onsite	No	Win7 Pro64 DG Win10	04/16
10F20029US	i7-6700	8GBx1	23.8" FHD	Touch	Intel HD 530	None	1080p	256GB SSD	DVD±RW	8260 ac vPro	Media	None	None	UltraFlex II	USB vPro	3-onsite	No	Windows 10 Pro 64	04/16
10F20022US	i5-6500	4GBx1	23.8" FHD	Touch	Intel HD 530	None	1080p	128GB SSD	DVD±RW	8260 ac vPro	Media	None	None	UltraFlex II	USB vPro	3-onsite	No	Win7 Pro64 DG Win10	04/16
10F20028US	i5-6500	8GBx1	23.8" FHD	Touch	Intel HD 530	None	1080p	256GB SSD	DVD±RW	8260 ac vPro	Media	None	None	UltraFlex II	USB vPro	3-onsite	No	Win7 Pro64 DG Win10	04/16

• For detailed platform specifications, please see [ThinkCentre M900z Platform Specifications sheet](#)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Audio support	High Definition (HD) Audio, Realtek ALC286 / two internal stereo speakers (3W x 2), Dolby® Audio™ certified, Skype for Business certified																																																															
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Media reader	Optional 9-in-1 media card reader	Mouse																																																																
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™; Max resolution: 4096x2304 (DP)@60Hz	Mechanical	<ul style="list-style-type: none"> • Business black color • Toolless back cover, stand, disk, memory removal • Support VESA mount (100mm) 																																																															
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Light sensor	None	Limited warranty ³	<p><i>Some:</i> 1-year or 3-year, depot repair service</p> <p><i>Some:</i> 1-year or 3-year, limited onsite service</p> <p><i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / For Lenovo service upgrade options, please go to S-TC sheet</p>																																																															
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See footnotes for more detailed information



ThinkCentre X1 with optional wireless keyboard/mouse



ThinkCentre X1



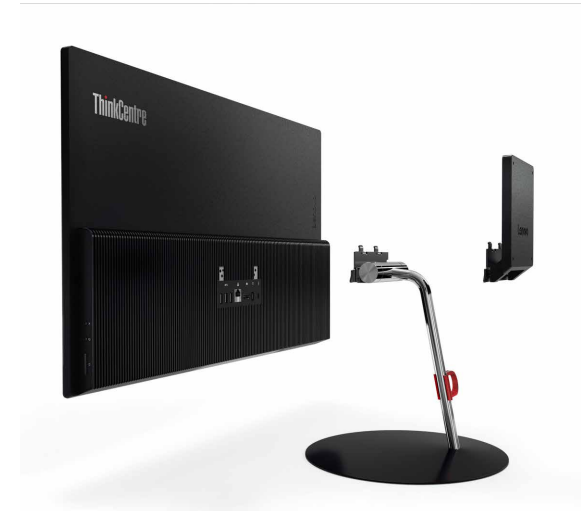
ThinkCentre X1



ThinkCentre X1



ThinkCentre X1



ThinkCentre X1 with optional VESA mount kit

ThinkCentre X1 Platform Specifications

Processor	Intel® 6th Generation Intel Core™ i3 / i5 / i7 Processor							Security features <ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Smart USB protection, allows keyboard/mouse only, blocks all storage devices • Power-on, admin, hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional chassis intrusion switch 												
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro													
	Core i3-6100U	2 / 4	2.3 G	3 MB	DDR4-2133	HD 520	No													
	Core i5-6200U	2 / 4	2.3 G / 2.8 G	3 MB	DDR4-2133	HD 520	No													
	Core i5-6300U	2 / 4	2.4 G / 3.0 G	3 MB	DDR4-2133	HD 520	vPro													
Core i7-6600U	2 / 4	2.6 G / 3.4 G	4 MB	DDR4-2133	HD 520	vPro														
	Intel Architecture (IA) SoC that integrates Intel processor core, graphics, memory controller, and I/O interfaces into a single system-on-chip solution							Keyboard <ul style="list-style-type: none"> Some: Lenovo Slim USB Keyboard (USB connector), black Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black Mouse <ul style="list-style-type: none"> Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black 												
Memory	16GB max, DDR4 2133, one 260-pin SO-DIMM socket							Mechanical <ul style="list-style-type: none"> • Business black color, Aluminum Alloy • Toolless back cover and memory removal • Optional VESA mount kit (100mm) 												
Disk	Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm Some: Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide							<table border="1"> <thead> <tr> <th></th> <th>Dimensions (WxDxH)</th> <th>Max weight (lb / kg)</th> <th>Adjustments</th> </tr> </thead> <tbody> <tr> <td>Without stand:</td> <td>22.4 X 1.3 X 14.2 (inch); 570 X 33 X 360 (mm)</td> <td>8.8 / 4</td> <td>N/A</td> </tr> <tr> <td>With Orchid tilt stand:</td> <td>22.4 X 9.4 X 17.8 (inch); 570 X 240 X 451 (mm)</td> <td>11.0 / 5</td> <td>Tilt: 45° back, -5° forward</td> </tr> </tbody> </table>		Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments	Without stand:	22.4 X 1.3 X 14.2 (inch); 570 X 33 X 360 (mm)	8.8 / 4	N/A	With Orchid tilt stand:	22.4 X 9.4 X 17.8 (inch); 570 X 240 X 451 (mm)	11.0 / 5	Tilt: 45° back, -5° forward
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Optical Media reader	None Optional 9-in-1 media card reader							Power supply <ul style="list-style-type: none"> 90 watts adapter, autosensing, 88% PSU 												
Graphics	Intel HD Graphics 520 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™; <i>Max resolution: 4096x2304 (DP)@60Hz</i>							Limited warranty ³ <ul style="list-style-type: none"> Some: 1-year or 3-year, limited onsite service Some: 3-years, limited onsite service, OID (Onsite International Delivery) / For <i>Lenovo service upgrade options, please go to S-TC sheet</i> 												
DP Dongle Display	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle 23.8" (604.5mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via DisplayPort (DP in / out combo)							Preload <table border="0"> <tr> <td> Preloaded operating system Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit </td> <td> Preloaded applications (only some listed) <ul style="list-style-type: none"> • Desktop Power Manager • Lenovo Solution Center • Lenovo REACHit • Lenovo SHAREit • Lenovo Bluetooth Lock (for models with Wi-Fi/BT card) • McAfee® LiveSafe™ (30-day trial) • Microsoft Office preloaded; purchase a product key to activate • Lenovo ThinkVantage Tools <ul style="list-style-type: none"> - Only for Window 10 • Lenovo Companion - Only for Window 7 • Rescue and Recovery • Password Manager • ThinkVantage System Update • Lenovo Message Center Plus • Adobe® Reader® </td> </tr> </table>	Preloaded operating system Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit	Preloaded applications (only some listed) <ul style="list-style-type: none"> • Desktop Power Manager • Lenovo Solution Center • Lenovo REACHit • Lenovo SHAREit • Lenovo Bluetooth Lock (for models with Wi-Fi/BT card) • McAfee® LiveSafe™ (30-day trial) • Microsoft Office preloaded; purchase a product key to activate • Lenovo ThinkVantage Tools <ul style="list-style-type: none"> - Only for Window 10 • Lenovo Companion - Only for Window 7 • Rescue and Recovery • Password Manager • ThinkVantage System Update • Lenovo Message Center Plus • Adobe® Reader® 										
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Light sensor	None							Environment <ul style="list-style-type: none"> EPEAT™ Gold rating; ENERGY STAR® 6.1; TCO Certified Edge; TUV Green Mark; ULE Gold; ErP Lot 3; GREENGUARD® certified; RoHS-compliant 												
Multi-touch	None																			
Camera	2.0-megapixel camera, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off, Skype for Business certified																			
Controls	Microphone mute, DP in / out switch, and power button																			
Chipset	Intel System-on-Chip (SoC) platform																			
Rear ports	Three USB 3.0, ethernet (RJ-45), DisplayPort in/out combo port,							Accessories <ul style="list-style-type: none"> For compatible accessories, please go to TC-AQP sheet 												
Side ports	Two USB 3.0 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)																			
M.2 card slot	One M.2 Card slot (for WLAN)																			
Audio support	High Definition (HD) Audio, Realtek ALC233 / two internal speakers (5W x 2), Dolby® Audio™ certified, Skype for Business certified																			
WLAN ¹³	Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, Intel vPro technology support, 2x2																			
Bluetooth™ Ethernet	Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®																			
Manageability	Intel Active Management Technology 11.0 (Intel AMT 11.0) on some models; Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)																			
Security chip	Trusted Platform Module (TPM 1.2-compliant)																			

See footnotes for more detailed information

ThinkCentre X1 (10KE) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory	Widescreen display	Multi-Touch	Graphics	DP Dongle	Camera	Storage	Optical	WLAN	Media reader	Chassis intrusion switch	Stand type	Keyboard/Mouse vPro	Base Warranty (year)	Global	Preload	Ann Date (mm/yy)	
10KE0007US	i5-6200U	8GBx1	23.8" FHD	No	Intel HD 520	None	1080p	256GB SSD	None	8260 ac	Media	None	Orchid Tilt	2.4G	None	3-onsite	No	Win7 Pro64 DG Win10	01/16
10KE0008US	i5-6200U	4GBx1	23.8" FHD	No	Intel HD 520	None	1080p	120GB SSD	None	8260 ac	Media	None	Orchid Tilt	2.4G	None	3-onsite	No	Win7 Pro64 DG Win10	01/16

Country Code"+": AT (Austria), FR (France), GB (Germany w/ English OS), GE (Germany w/ German OS), IV (Israel), IW (Iceland), IX (Italy), MB (Belgium), MD (Denmark), MH (Netherlands), ML (Luxembourg), MN (Norway), MS (Sweden), MZ (Switzerland), NX (Netherlands), PG (Portugal), SP (Spain), UK (United Kingdom)

Note: models listed above might not be available in all WE countries

- For detailed platform specifications, please see [ThinkCentre X1 Platform Specifications](#) sheet

Processor	Intel® 6th Generation Intel Core™ i3 / i5 / i7 Processor							Bluetooth™ Ethernet	Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®														
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro	Manageability	Intel Active Management Technology 11.0 (Intel AMT 11.0) on some models; Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)														
	Core i3-6100U	2 / 4	2.3 G	3 MB	DDR4-2133	HD 520	No	Security chip	Trusted Platform Module (TPM 1.2-compliant)														
	Core i5-6200U	2 / 4	2.3 G / 2.8 G	3 MB	DDR4-2133	HD 520	No	Security features	<ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Smart USB protection, allows keyboard/mouse only, blocks all storage devices • Power-on, admin, hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Optional chassis intrusion switch 														
	Core i5-6300U	2 / 4	2.4 G / 3.0 G	3 MB	DDR4-2133	HD 520	vPro		Keyboard	Some: Lenovo Slim USB Keyboard (USB connector), black Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black													
Core i7-6600U	2 / 4	2.6 G / 3.4 G	4 MB	DDR4-2133	HD 520	vPro	Mouse	Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black															
	Intel Architecture (IA) SoC that integrates Intel processor core, graphics, memory controller, and I/O interfaces into a single system-on-chip solution							Mechanical	<ul style="list-style-type: none"> • Business black color, Aluminum Alloy • Toolless back cover and memory removal • Optional VESA mount kit (100mm) 														
Memory	16GB max, DDR4 2133, one 260-pin SO-DIMM socket								<table border="1"> <thead> <tr> <th></th> <th>Dimensions (WxDxH)</th> <th>Max weight (lb / kg)</th> <th>Adjustments</th> </tr> </thead> <tbody> <tr> <td>Without stand:</td> <td>22.4 X 1.3 X 14.2 (inch); 570 X 33 X 360 (mm)</td> <td>8.8 / 4</td> <td>N/A</td> </tr> <tr> <td>With Orchid tilt stand:</td> <td>22.4 X 9.4 X 17.8 (inch); 570 X 240 X 451 (mm)</td> <td>11.0 / 5</td> <td>Tilt: 45° back, -5° forward</td> </tr> </tbody> </table>				Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments	Without stand:	22.4 X 1.3 X 14.2 (inch); 570 X 33 X 360 (mm)	8.8 / 4	N/A	With Orchid tilt stand:	22.4 X 9.4 X 17.8 (inch); 570 X 240 X 451 (mm)	11.0 / 5	Tilt: 45° back, -5° forward
	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments																				
Without stand:	22.4 X 1.3 X 14.2 (inch); 570 X 33 X 360 (mm)	8.8 / 4	N/A																				
With Orchid tilt stand:	22.4 X 9.4 X 17.8 (inch); 570 X 240 X 451 (mm)	11.0 / 5	Tilt: 45° back, -5° forward																				
Disk	Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm Some: Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide							Power supply	90 watts adapter, autosensing, 88% PSU														
Optical	None							Limited warranty ³	Some: 1-year or 3-year, limited onsite service Some: 3-years, limited onsite service, OID (Onsite International Delivery) / For Lenovo service upgrade options, please go to S-TC sheet														
Media reader	Optional 9-in-1 media card reader							Preload	Preloaded operating system Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit														
Graphics	Intel HD Graphics 520 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™; Max resolution: 4096x2304 (DP) @60Hz							Environment	EPEAT™ Gold rating; ENERGY STAR® 6.1; TCO Certified Edge; TUV Green Mark; ULE Gold; ErP Lot 3; GREENGUARD® certified; RoHS-compliant														
DP Dongle	Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle							Accessories	For compatible accessories, please go to TC-AQP sheet														
Display	23.8" (604.5mm) Full HD 1080p (1920x1080) TFT color, IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via DisplayPort (DP in / out combo)																						
Light sensor	None																						
Multi-touch	None																						
Camera	2.0-megapixel camera, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off, Skype for Business certified																						
Controls	Microphone mute, DP in / out switch, and power button																						
Chipset	Intel System-on-Chip (SoC) platform																						
Rear ports	Three USB 3.0, ethernet (RJ-45), DisplayPort in/out combo port,																						
Side ports	Two USB 3.0 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)																						
M.2 card slot	One M.2 Card slot (for WLAN)																						
Audio support	High Definition (HD) Audio, Realtek ALC233 / two internal speakers (5W x 2), Dolby® Audio™ certified, Skype for Business certified																						
WLAN ¹³	Some: 11ac + BT 4.1, M.2 Card, Qualcomm Atheros QCA6174 (dual band), 2x2 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, 2x2 Some: 11ac + BT 4.1, M.2 Card, Intel Dual Band Wireless-AC 8260, vPro, 2x2																						

See footnotes for more detailed information

ThinkCentre Edge 62z



Lenovo ThinkCentre Edge 62z with Frame Stand



Lenovo ThinkCentre Edge 62z with Frame Stand



Lenovo ThinkCentre Edge 62z with Frame Stand



Handle



Lenovo ThinkCentre Edge 62z with Frame Stand



Lenovo ThinkCentre Edge 62z with Frame Stand

ThinkCentre Edge 62z (2117) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Camera	Disk SATA GB rpm	SATA optical	Graphics	PCIe Mini Card WLAN	Stand type	Global	Preload	Ann date (mm/dd/yy)
2117-BBU	i3-3220	4GBx1 1600MHz	720p	500G 7200	DVD±RW	HD 2500	Intel 105	Frame	None	Win7 Pro64	03/26/13
2117-EKU	G2020	2GBx1 1600MHz	720p	500G 7200	DVD±RW	Intel HD	Intel 105	Frame	None	Win7 Pro64	03/26/13
2117-ELU	G2020	2GBx1 1600MHz	720p	500G 7200	None	Intel HD	Intel 105	Frame	None	Win7 Pro64	03/26/13
2117-EWU	i3-3240	2GBx1 1600MHz	720p	320G 5400	DVD±RW	HD 2500	Intel 105	Frame	None	Win7 Pro64	05/14/13

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 1-year limited warranty

Positioning	<i>Essential All-In-One PC for small/medium businesses</i>						Preloaded operating system²⁰					
Processor	Intel® Pentium® G2020 Processor (2 cores / 2 threads, 2.9GHz, 3MB cache), integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core™ i3-3220 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i3-3240 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller						Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Ready to install applications (only some listed) <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager • Lenovo® Message Center Plus 					
Implementation	Processor in LGA1155 socket						Preloaded applications (only some listed)					
Memory	8GB max, PC3-12800 1600MHz DDR3 , one 204-pin SODIMM sockets (notebook) <i>System automatically clocks down for processors with 1333MHz DDR3 memory controller</i>						<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Automatic Lock Utility • ThinkVantage Power Manager • View Management Utility • Lenovo Solution Center • RapidBoot HDD Accelerator • Lenovo SimpleTap • Lenovo Cloud Storage by SugarSync • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Evernote® • Symantec™ VIP • Intel AppUp® • Nitro PDF Pro • Skype™ for Windows • Windows Live™ Essentials • Microsoft® Office preloaded; purchase a product key to activate • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW) 					
Graphics Display	Intel HD Graphics or Intel HD Graphics 2500 in processor, uses system memory 18.5" (470mm) HD (1366x768) TFT color , CCFL backlight, 200 nits, 16:9 aspect ratio, 600:1 dynamic contrast ratio											
Multi-touch	None											
Camera	HD720p Camera on top of screen, 1.0-megapixel, fixed focus											
Controls	Front facing button for power on/off, side buttons for brightness up and brightness down											
Disk	Hard Disk Drive / SATA 3.0Gb/s, 2.5" Wide											
Optical	<i>Some:</i> DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable											
Media reader	None											
Chipset	Intel H61 Express Chipset											
Rear ports	Four USB 2.0, ethernet (RJ-45), serial (9-pin)											
Side ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
PCIe Mini Card	One PCI Express® Mini Card slot											
PCIe WLAN	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® wireless-N 105, 1x1											
Bluetooth	None											
Ethernet	One gigabit ethernet port, Realtek® RTL8111E-VC											
Audio	High Definition (HD) Audio, Realtek ALC269Q											
Speaker	Two internal stereo speakers (2watt x 2)											
Intel AMT	None											
Security chip	None											
Keyboard	Lenovo® Slim New F5 USB Keyboard (USB connector), black											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Power supply	120 watts, autosensing, 87% PSU											
Machine	<i>Model(s) with Frame stand:</i> <ul style="list-style-type: none"> • Business black color • 18.5" W X 2.3" D X 14.5" H • 469.7mm W X 59.5mm D X 368.4mm H (including stand) • 11 lb (5 kg) in maximum configuration • Tilt: 10°-20° back; no lift; no swivel; adjustable stand • Supports VESA mount (100mm) 						Security <ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement 					
							ENERGY STAR® 5.2-compliant EuP 2013 RoHS-compliant					
							Supports ThinkVantage Technologies					
							For compatible accessories, please go to O-Edge62Z sheet; For Lenovo service upgrade options, please go to S-TC sheet					
Limited Warranty	1-year, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											



ThinkCentre E63z (touch)
with USB mouse/keyboard



ThinkCentre E63z (touch)
with USB mouse/keyboard



ThinkCentre E63z (non-touch)
with USB mouse/keyboard



ThinkCentre E63z
(right view)



ThinkCentre E63z
(left view)



ThinkCentre E63z
(back view)

ThinkCentre E63z Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Pentium® or 4th Generation Intel Core™ i3 Processor							Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo Slim USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver) <i>Some:</i> Enhanced Optical USB Mouse, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver)		
	Processor	Cores / Threads	Clock Speed	Max Burst Frequency	Cache	Memory Types	Integrated Graphics	Mouse			
	Pentium J2900	4 / 4	2.41 GHz	2.66 GHz	2MB	DDR3L-1333	Intel HD				
	Core i3-4005U	2 / 4	1.7 Ghz	-	3MB	DDR3L-1600	Intel HD 4400				
	* System-on-Chip (SoC) solution, integrates Intel processor core, Graphics, Memory Controller, and I/O interfaces							Mechanical	<ul style="list-style-type: none"> • Business black or white • Support VESA mount (100mm) • Optional frame stand 		
Memory	<i>Pentium models:</i> 8GB max ⁷ / DDR3 Low Voltage, DDR3L-1600*, non-parity, one 204-pin SO-DIMM socket <i>Core i3 models:</i> 16GB max ⁷ / DDR3 Low Voltage, DDR3L-1600, non-parity, two 204-pin SO-DIMM sockets *System automatically clocks down for 1333MHz DDR3 memory controller								Dimensions (WxDxH)	Weight (Maximum)	Adjustments
									E63z non-touch with frame stand		
									19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm	8.82 lb (4 kg)	Tilt: 10° to 60° back
									E63z touch with frame stand		
									19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm	10.58 lb (4.8 kg)	Tilt: 10° to 60° back
Disk	<i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm <i>Some:</i> 500GB (5400 rpm) or 1TB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide							Power supply	65 watts external adapter, autosensing, 88% PSU, 100-240V (50-60Hz)		
Optical	None							Limited warranty ³	<i>Some:</i> 1-year or 3-years, limited onsite service / service upgrades available <i>Some:</i> 1-year or 3-years, Depot or Carry-in / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>		
SATA controller	<i>Pentium models:</i> Serial ATA, SATA 3.0Gb/s support, integrated in processor <i>Core i3 models:</i> Serial ATA, SATA 6.0Gb/s support, integrated in processor							Preload	Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit Ready to install applications (only some listed) <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Device Experience • ThinkVantage AutoLock • Lenovo SHAREit • BlueTooth Security Lock • Desktop Power Manager • View Management Utility • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote® • Nitro Pro 		
Media reader	Optional 7-in-1 media card reader (Core i3 models only)								<i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit <i>Some:</i> Windows 8.1 with Bing 64-bit Web install applications (only some listed) <ul style="list-style-type: none"> • Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> • ThinkVantage System Update • ThinkVantage AutoLock • Lenovo SHAREit • BlueTooth Security Lock • Desktop Power Manager • Lenovo Solution Center • Lenovo Support • Lenovo Companion • Norton Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote® • Nitro Pro • AccuWeather • Norton™ Studio • Pokki • Hightail 		
Graphics	Intel HD Graphics or Intel HD Graphics 4400 in processor, uses main memory, <i>Maximum resolution:</i> 1600x900@60Hz (panel); 2560x1600@60Hz (HDMI-out)							Environment	EPEAT™ Gold (For Windows models only); ENERGY STAR® 6.0 (For Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3		
Display	19.5" (495.3mm) HD+ (1600x900) TFT color , LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, wide viewing angle (horizontal: +/- 85°; vertical: +/- 80°), frameless for touch models, anti-glare for non-touch models Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch <i>Some:</i> 720p camera, 1.0-megapixel, fixed focus, digital microphone, LED indicator Power button on right side										
Multi-touch											
Camera											
Controls											
Chipset	Intel System-on-Chip (SoC) platform										
Rear ports	<i>Pentium models:</i> Two USB 2.0, ethernet (RJ-45), DC-IN <i>Core i3 models:</i> Two USB 2.0, ethernet (RJ-45), HDMI-out, DC-IN										
Side ports	<i>Pentium models:</i> One USB 3.0, one microphone / headphone combo jack (3.5mm) <i>Core i3 models:</i> One USB 3.0 (charging port), one microphone / headphone combo jack (3.5mm), 7-in-1 card reader										
ExpressCard	None										
PCIe Mini Card	One PCI Express Mini Card slot (half size, for WLAN)										
Audio support	High Definition (HD) Audio, Realtek ALC233 (Pentium models) or Conexant CX20751 (Core i3 models) / internal speakers (3watt x 2)										
WLAN ¹³	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi + Bluetooth combo adapter, 1x1 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8192EE, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11ac/a/b/g/n wireless, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo adapter, 2x2										
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter										
Ethernet	One gigabit ethernet port, Realtek RTL8111G, Wake on LAN®										
vPro & iAMT	None										
Security chip	None										
Security features	<ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement 										

See footnotes for more detailed information

ThinkCentre E63z (10D4) - TopSeller

Product Specifications Reference (PSREF)

Model	Display	Multi-Touch	Processor	Graphics	Media Reader	Camera	Memory	Storage	Optical	WLAN	Floor Stand	Keyboard / Mouse	Color	Preload	Base Warranty (year)	Gobal	Ann Date (mm/yy)
10D40004US	19.5" HD+	None	Pentium J2900	Intel HD	None	720p	4GBx1	500GB 7200	None	RTL8723BE	Frame	USB (slim)	black	Win7 P64 DG Win8.1	1-on-site	No	08/14
10D40005US	19.5" HD+	None	Pentium J2900	Intel HD	None	None	2GBx1	500GB 7200	None	RTL8723BE	Frame	USB (slim)	black	Win7 P64 DG Win8.1	1-on-site	No	08/14

• For detailed platform specifications, please see [ThinkCentre E63z Platform Specifications sheet](#)

Processor	Intel® Pentium® or 4th Generation Intel Core™ i3 Processor	Some: 11b/g/n, Intel Centrino® Wireless-N 7260, Wi-Fi + BT combo Some: 11ac/a/b/g/n, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo																						
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Processor	Cores / Threads	Clock Speed	Max Burst Frequency	Cache	Memory Types	Integrated Graphics																		
Pentium J2900	4 / 4	2.41 GHz	2.66 GHz	2MB	DDR3L-1333	Intel HD																		
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Memory	<i>Pentium models:</i> 8GB max ⁷ / DDR3 Low Voltage, DDR3L-1600*, non-parity, one 204-pin SO-DIMM socket <i>Core i3 models:</i> 16GB max ⁷ / DDR3 Low Voltage, DDR3L-1600, non-parity, two 204-pin SO-DIMM sockets *System automatically clocks down for 1333MHz DDR3 memory controller	Security features	<ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement 																					
Disk	<i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm <i>Some:</i> 500GB (5400 rpm) or 1TB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide	Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo Slim USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver)																					
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Media reader	Optional 7-in-1 media card reader (Core i3 models only)	<table border="1"> <thead> <tr> <th>Dimensions (WxDxH)</th> <th>Weight (Maximum)</th> <th>Adjustments</th> </tr> </thead> <tbody> <tr> <td colspan="3">E63z non-touch with frame stand</td> </tr> <tr> <td>19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm</td> <td>8.82 lb (4 kg)</td> <td>Tilt: 10° to 60° back</td> </tr> <tr> <td colspan="3">E63z touch with frame stand</td> </tr> <tr> <td>19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm</td> <td>10.58 lb (4.8 kg)</td> <td>Tilt: 10° to 60° back</td> </tr> </tbody> </table>		Dimensions (WxDxH)	Weight (Maximum)	Adjustments	E63z non-touch with frame stand			19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm	8.82 lb (4 kg)	Tilt: 10° to 60° back	E63z touch with frame stand			19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm	10.58 lb (4.8 kg)	Tilt: 10° to 60° back						
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Display	19.5" (495.3mm) HD+ (1600x900) TFT color, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, wide viewing angle (horizontal: +/- 85°; vertical: +/- 80°), frameless for touch models, anti-glare for non-touch models	Limited warranty ³	<i>Some:</i> 1-year or 3-years, limited onsite service / service upgrades available <i>Some:</i> 1-year or 3-years, Depot or Carry-in / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																					
Multi-touch	Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch	Preload	<i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit <i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit <i>Some:</i> Windows 8.1 with Bing 64-bit																					
Camera	Some: 720p camera, 1.0-megapixel, fixed focus, digital microphone, LED indicator	Environment	ENERGY STAR® 6.0 (For Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3																					
Controls	Power button on right side																							
Chipset	Intel System-on-Chip (SoC) platform																							
Rear ports	<i>Pentium models:</i> Two USB 2.0, ethernet (RJ-45), DC-IN <i>Core i3 models:</i> Two USB 2.0, ethernet (RJ-45), HDMI-out, DC-IN																							
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PCIe Mini Card	One PCI Express Mini Card slot (half size, for WLAN)																							
Audio support	High Definition (HD) Audio, Realtek ALC233 (Pentium models) or Conexant CX20751 (Core i3 models) / internal speakers (3watt x 2)																							
WLAN ¹³	<i>Some:</i> 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 <i>Some:</i> 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2																							

See footnotes for more detailed information

ThinkCentre E63z (10D6) - Multi-touch (TopSeller)

Product Specifications Reference (PSREF)

Model	Display	Multi-Touch	Processor	Graphics	Media Reader	Camera	Memory	Storage	Optical	WLAN	Floor Stand	Keyboard / Mouse	Color	Preload	Base Warranty (year)	Gobal	Ann Date (mm/yy)
10D60005US	19.5" HD+	Touch	Pentium J2900	Intel HD	None	720p	4GBx1	500GB 7200	None	RTL8723BE	Frame	USB (slim)	black	Win7 P64 DG Win8.1	1-on-site	No	08/14
10D60006US	19.5" HD+	Touch	Pentium J2900	Intel HD	None	720p	4GBx1	500GB 7200	None	7260 b/g/n	Frame	USB (slim)	black	Win7 P64 DG Win8.1	1-on-site	No	08/14
10D60007US	19.5" HD+	Touch	Pentium J2900	Intel HD	None	None	2GBx1	500GB 7200	None	RTL8723BE	Frame	USB (slim)	black	Win7 P64 DG Win8.1	1-on-site	No	08/14

• For detailed platform specifications, please see [ThinkCentre E63z Platform Specifications sheet](#)

Processor	<p>Intel® Pentium® or 4th Generation Intel Core™ i3 Processor</p> <table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Clock Speed</th> <th>Max Burst Frequency</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Pentium J2900</td> <td>4 / 4</td> <td>2.41 GHz</td> <td>2.66 GHz</td> <td>2MB</td> <td>DDR3L-1333</td> <td>Intel HD</td> </tr> <tr> <td>Core i3-4005U</td> <td>2 / 4</td> <td>1.7 Ghz</td> <td>-</td> <td>3MB</td> <td>DDR3L-1600</td> <td>Intel HD 4400</td> </tr> </tbody> </table> <p>* System-on-Chip (SoC) solution, integrates Intel processor core, Graphics, Memory Controller, and I/O interfaces</p>	Processor	Cores / Threads	Clock Speed	Max Burst Frequency	Cache	Memory Types	Integrated Graphics	Pentium J2900	4 / 4	2.41 GHz	2.66 GHz	2MB	DDR3L-1333	Intel HD	Core i3-4005U	2 / 4	1.7 Ghz	-	3MB	DDR3L-1600	Intel HD 4400	<p>Some: 11b/g/n, Intel Centrino® Wireless-N 7260, Wi-Fi + BT combo Some: 11ac/a/b/g/n, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo</p> <p>Bluetooth™ Ethernet</p> <p>Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter One gigabit ethernet port, Realtek RTL8111G, Wake on LAN®</p> <p>vPro & iAMT Security chip</p> <p>None None</p> <p>Security features</p> <ul style="list-style-type: none"> Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse USB port disablement
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Disk	<p>Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm</p> <p>Some: 500GB (5400 rpm) or 1TB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</p> <p>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</p>	<p>Keyboard</p> <p>Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo Slim USB Keyboard (USB connector), Lenovo logo Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver)</p> <p>Mouse</p> <p>Some: Enhanced Optical USB Mouse, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver)</p>																					
Optical	None																						
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Media reader	Optional 7-in-1 media card reader (Core i3 models only)																						
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Camera	Some: 720p camera, 1.0-megapixel, fixed focus, digital microphone, LED indicator																						
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Chipset	Intel System-on-Chip (SoC) platform	<p>Power supply</p> <p>65 watts external adapter, autosensing, 88% PSU, 100-240V (50-60Hz)</p>																					
Rear ports	<p><i>Pentium models:</i> Two USB 2.0, ethernet (RJ-45), DC-IN</p> <p><i>Core i3 models:</i> Two USB 2.0, ethernet (RJ-45), HDMI-out, DC-IN</p>	<p>Limited warranty³</p> <p>Some: 1-year or 3-years, limited onsite service / service upgrades available Some: 1-year or 3-years, Depot or Carry-in / service upgrades available For <i>Lenovo service upgrade options, please go to S-TC sheet</i></p>																					
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PCIe Mini Card	One PCI Express Mini Card slot (half size, for WLAN)	<p>Preload</p> <p>Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit Some: Windows 8.1 64-bit Some: Windows 8.1 Pro 64-bit Some: Windows 8.1 with Bing 64-bit</p>																					
Audio support	High Definition (HD) Audio, Realtek ALC233 (Pentium models) or Conexant CX20751 (Core i3 models) / internal speakers (3watt x 2)																						
WLAN ¹³	<p>Some: 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1</p> <p>Some: 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2</p>	<p>Environment</p> <p>ENERGY STAR® 6.0 (For Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3</p>																					

See footnotes for more detailed information

ThinkCentre E63z (10E0) - TopSeller

Product Specifications Reference (PSREF)

Model	Display	Multi-Touch	Processor	Graphics	Media Reader	Camera	Memory	Storage	Optical	WLAN	Floor Stand	Keyboard / Mouse	Color	Preload	Base Warranty (year)	Gobal	Ann Date (mm/yy)
10E00027US	19.5" HD+	None	i3-4005U	HD 4400	7-in-1	720p	4GBx1	500GB 7200	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	1-on-site	No	11/14
10E00028US	19.5" HD+	None	i3-4005U	HD 4400	7-in-1	720p	8GBx1	500GB 7200	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	1-on-site	No	11/14
10E00029US	19.5" HD+	None	i3-4005U	HD 4400	7-in-1	720p	2GBx1	500GB 7200	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	1-on-site	No	11/14
10E0002AUS	19.5" HD+	None	i3-4005U	HD 4400	7-in-1	720p	4GBx1	64GB SSD	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	1-on-site	No	11/14
10E0002BUS	19.5" HD+	None	i3-4005U	HD 4400	7-in-1	720p	4GBx1	180GB SSD	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	1-on-site	No	11/14

• For detailed platform specifications, please see [ThinkCentre E63z Platform Specifications sheet](#)

Processor	Intel® Pentium® or 4th Generation Intel Core™ i3 Processor	Some: 11b/g/n, Intel Centrino® Wireless-N 7260, Wi-Fi + BT combo Some: 11ac/a/b/g/n, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo																						
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WLAN ¹³	<i>Some:</i> 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 <i>Some:</i> 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2																							

See footnotes for more detailed information

ThinkCentre E63z (10E2) - Multi-touch (TopSeller)

Product Specifications Reference (PSREF)

Model	Display	Multi-Touch	Processor	Graphics	Media Reader	Camera	Memory	Storage	Optical	WLAN	Floor Stand	Keyboard / Mouse	Color	Preload	Base Warranty (year)	Gobal	Ann Date (mm/yy)
10E2001QUS	19.5" HD+	Touch	i3-4005U	HD 4400	7-in-1	720p	4GBx1	500GB 7200	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	1-on-site	No	11/14
10E2001RUS	19.5" HD+	Touch	i3-4005U	HD 4400	7-in-1	720p	4GBx1	180GB SSD	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	1-on-site	No	11/14
10E2001SUS	19.5" HD+	Touch	i3-4005U	HD 4400	7-in-1	720p	8GBx1	500GB 7200	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	1-on-site	No	11/14
10E2001TUS	19.5" HD+	Touch	i3-4005U	HD 4400	7-in-1	720p	4GBx1	128GB SSD	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	1-on-site	No	11/14
10E2001UUS	19.5" HD+	Touch	i3-4005U	HD 4400	7-in-1	720p	8GBx1	256GB SSD	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	1-on-site	No	11/14
10E20044US	19.5" HD+	Touch	i3-4005U	HD 4400	7-in-1	720p	8GBx1	1TB 5400	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	1-on-site	No	06/15

• For detailed platform specifications, please see [ThinkCentre E63z Platform Specifications sheet](#)

Processor	Intel® Pentium® or 4th Generation Intel Core™ i3 Processor	Some: 11b/g/n, Intel Centrino® Wireless-N 7260, Wi-Fi + BT combo Some: 11ac/a/b/g/n, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo																						
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Clock Speed</th> <th>Max Burst Frequency</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Pentium J2900</td> <td>4 / 4</td> <td>2.41 GHz</td> <td>2.66 GHz</td> <td>2MB</td> <td>DDR3L-1333</td> <td>Intel HD</td> </tr> <tr> <td>Core i3-4005U</td> <td>2 / 4</td> <td>1.7 Ghz</td> <td>-</td> <td>3MB</td> <td>DDR3L-1600</td> <td>Intel HD 4400</td> </tr> </tbody> </table>	Processor	Cores / Threads	Clock Speed	Max Burst Frequency	Cache	Memory Types	Integrated Graphics	Pentium J2900	4 / 4	2.41 GHz	2.66 GHz	2MB	DDR3L-1333	Intel HD	Core i3-4005U	2 / 4	1.7 Ghz	-	3MB	DDR3L-1600	Intel HD 4400	Bluetooth™ Ethernet	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter One gigabit ethernet port, Realtek RTL8111G, Wake on LAN®
Processor	Cores / Threads	Clock Speed	Max Burst Frequency	Cache	Memory Types	Integrated Graphics																		
Pentium J2900	4 / 4	2.41 GHz	2.66 GHz	2MB	DDR3L-1333	Intel HD																		
Core i3-4005U	2 / 4	1.7 Ghz	-	3MB	DDR3L-1600	Intel HD 4400																		
	* System-on-Chip (SoC) solution, integrates Intel processor core, Graphics, Memory Controller, and I/O interfaces	vPro & iAMT Security chip	None None																					
Memory	<p><i>Pentium models:</i> 8GB max⁷ / DDR3 Low Voltage, DDR3L-1600*, non-parity, one 204-pin SO-DIMM socket</p> <p><i>Core i3 models:</i> 16GB max⁷ / DDR3 Low Voltage, DDR3L-1600, non-parity, two 204-pin SO-DIMM sockets</p> <p>*System automatically clocks down for 1333MHz DDR3 memory controller</p>	Security features	<ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement 																					
Disk	<p>Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm</p> <p>Some: 500GB (5400 rpm) or 1TB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</p> <p>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</p>	Keyboard	<p>Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo</p> <p>Some: Lenovo Slim USB Keyboard (USB connector), Lenovo logo</p> <p>Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver)</p>																					
Optical	None	Mouse	<p>Some: Enhanced Optical USB Mouse, Lenovo logo</p> <p>Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver)</p>																					
SATA controller	<p><i>Pentium models:</i> Serial ATA, SATA 3.0Gb/s support, integrated in processor</p> <p><i>Core i3 models:</i> Serial ATA, SATA 6.0Gb/s support, integrated in processor</p>	Mechanical	<ul style="list-style-type: none"> • Business black or white • Support VESA mount (100mm) • Optional frame stand 																					
Media reader	Optional 7-in-1 media card reader (Core i3 models only)	<table border="1"> <thead> <tr> <th>Dimensions (WxDxH)</th> <th>Weight (Maximum)</th> <th>Adjustments</th> </tr> </thead> <tbody> <tr> <td colspan="3">E63z non-touch with frame stand</td> </tr> <tr> <td>19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm</td> <td>8.82 lb (4 kg)</td> <td>Tilt: 10° to 60° back</td> </tr> <tr> <td colspan="3">E63z touch with frame stand</td> </tr> <tr> <td>19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm</td> <td>10.58 lb (4.8 kg)</td> <td>Tilt: 10° to 60° back</td> </tr> </tbody> </table>		Dimensions (WxDxH)	Weight (Maximum)	Adjustments	E63z non-touch with frame stand			19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm	8.82 lb (4 kg)	Tilt: 10° to 60° back	E63z touch with frame stand			19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm	10.58 lb (4.8 kg)	Tilt: 10° to 60° back						
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Graphics	Intel HD Graphics or Intel HD Graphics 4400 in processor, uses main memory, Maximum resolution: 1600x900@60Hz (panel); 2560x1600@60Hz (HDMI-out)	Power supply	65 watts external adapter, autosensing, 88% PSU, 100-240V (50-60Hz)																					
Display	19.5" (495.3mm) HD+ (1600x900) TFT color, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, wide viewing angle (horizontal: +/- 85°; vertical: +/- 80°), frameless for touch models, anti-glare for non-touch models	Limited warranty ³	<p>Some: 1-year or 3-years, limited onsite service / service upgrades available</p> <p>Some: 1-year or 3-years, Depot or Carry-in / service upgrades available</p> <p>For Lenovo service upgrade options, please go to S-TC sheet</p>																					
Multi-touch	Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch	Preload	<p>Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit</p> <p>Some: Windows 8.1 64-bit</p> <p>Some: Windows 8.1 Pro 64-bit</p> <p>Some: Windows 8.1 with Bing 64-bit</p>																					
Camera	Some: 720p camera, 1.0-megapixel, fixed focus, digital microphone, LED indicator	Environment	ENERGY STAR® 6.0 (For Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3																					
Controls	Power button on right side																							
Chipset	Intel System-on-Chip (SoC) platform																							
Rear ports	<p><i>Pentium models:</i> Two USB 2.0, ethernet (RJ-45), DC-IN</p> <p><i>Core i3 models:</i> Two USB 2.0, ethernet (RJ-45), HDMI-out, DC-IN</p>																							
Side ports	<p><i>Pentium models:</i> One USB 3.0, one microphone / headphone combo jack (3.5mm)</p> <p><i>Core i3 models:</i> One USB 3.0 (charging port), one microphone / headphone combo jack (3.5mm), 7-in-1 card reader</p>																							
PCIe Mini Card	One PCI Express Mini Card slot (half size, for WLAN)																							
Audio support	High Definition (HD) Audio, Realtek ALC233 (Pentium models) or Conexant CX20751 (Core i3 models) / internal speakers (3watt x 2)																							
WLAN ¹³	<p>Some: 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1</p> <p>Some: 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2</p>																							

See footnotes for more detailed information

ThinkCentre E63z (10D5)

Product Specifications Reference (PSREF)

Model	Display	Multi-Touch	Processor	Graphics	Media Reader	Camera	Memory	Storage	Optical	WLAN	Floor Stand	Keyboard / Mouse	Color	Preload	Base Warranty (year)	Gobal	Ann Date (mm/yy)
10D5000FUS	19.5" HD+	None	Pentium J2900	Intel HD	None	720p	4GBx1	500GB 7200	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	3-onsite	No	08/14

• For detailed platform specifications, please see [ThinkCentre E63z Platform Specifications sheet](#)

Processor	Intel® Pentium® or 4th Generation Intel Core™ i3 Processor	Some: 11b/g/n, Intel Centrino® Wireless-N 7260, Wi-Fi + BT combo Some: 11ac/a/b/g/n, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo																						
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Processor	Cores / Threads	Clock Speed	Max Burst Frequency	Cache	Memory Types	Integrated Graphics																		
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Memory	<i>Pentium models:</i> 8GB max ⁷ / DDR3 Low Voltage, DDR3L-1600*, non-parity, one 204-pin SO-DIMM socket <i>Core i3 models:</i> 16GB max ⁷ / DDR3 Low Voltage, DDR3L-1600, non-parity, two 204-pin SO-DIMM sockets *System automatically clocks down for 1333MHz DDR3 memory controller	Security features	<ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement 																					
Disk	<i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm <i>Some:</i> 500GB (5400 rpm) or 1TB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide	Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo Slim USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver)																					
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SATA controller	<i>Pentium models:</i> Serial ATA, SATA 3.0Gb/s support, integrated in processor <i>Core i3 models:</i> Serial ATA, SATA 6.0Gb/s support, integrated in processor	Mechanical	<ul style="list-style-type: none"> • Business black or white • Support VESA mount (100mm) • Optional frame stand 																					
Media reader	Optional 7-in-1 media card reader (Core i3 models only)	<table border="1"> <thead> <tr> <th>Dimensions (WxDxH)</th> <th>Weight (Maximum)</th> <th>Adjustments</th> </tr> </thead> <tbody> <tr> <td colspan="3">E63z non-touch with frame stand</td> </tr> <tr> <td>19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm</td> <td>8.82 lb (4 kg)</td> <td>Tilt: 10° to 60° back</td> </tr> <tr> <td colspan="3">E63z touch with frame stand</td> </tr> <tr> <td>19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm</td> <td>10.58 lb (4.8 kg)</td> <td>Tilt: 10° to 60° back</td> </tr> </tbody> </table>		Dimensions (WxDxH)	Weight (Maximum)	Adjustments	E63z non-touch with frame stand			19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm	8.82 lb (4 kg)	Tilt: 10° to 60° back	E63z touch with frame stand			19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm	10.58 lb (4.8 kg)	Tilt: 10° to 60° back						
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Graphics	Intel HD Graphics or Intel HD Graphics 4400 in processor, uses main memory, Maximum resolution: 1600x900@60Hz (panel); 2560x1600@60Hz (HDMI-out)	Power supply	65 watts external adapter, autosensing, 88% PSU, 100-240V (50-60Hz)																					
Display	19.5" (495.3mm) HD+ (1600x900) TFT color, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, wide viewing angle (horizontal: +/- 85°; vertical: +/- 80°), frameless for touch models, anti-glare for non-touch models	Limited warranty ³	<i>Some:</i> 1-year or 3-years, limited onsite service / service upgrades available <i>Some:</i> 1-year or 3-years, Depot or Carry-in / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																					
Multi-touch	Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch	Preload	<i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit <i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit <i>Some:</i> Windows 8.1 with Bing 64-bit																					
Camera	Some: 720p camera, 1.0-megapixel, fixed focus, digital microphone, LED indicator	Environment	ENERGY STAR® 6.0 (For Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3																					
Controls	Power button on right side																							
Chipset	Intel System-on-Chip (SoC) platform																							
Rear ports	<i>Pentium models:</i> Two USB 2.0, ethernet (RJ-45), DC-IN <i>Core i3 models:</i> Two USB 2.0, ethernet (RJ-45), HDMI-out, DC-IN																							
Side ports	<i>Pentium models:</i> One USB 3.0, one microphone / headphone combo jack (3.5mm) <i>Core i3 models:</i> One USB 3.0 (charging port), one microphone / headphone combo jack (3.5mm), 7-in-1 card reader																							
PCIe Mini Card	One PCI Express Mini Card slot (half size, for WLAN)																							
Audio support	High Definition (HD) Audio, Realtek ALC233 (Pentium models) or Conexant CX20751 (Core i3 models) / internal speakers (3watt x 2)																							
WLAN ¹³	<i>Some:</i> 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 <i>Some:</i> 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2																							

See footnotes for more detailed information

ThinkCentre E63z (10D7) - Multi-touch

Product Specifications Reference (PSREF)

Model	Display	Multi-Touch	Processor	Graphics	Media Reader	Camera	Memory	Storage	Optical	WLAN	Floor Stand	Keyboard / Mouse	Color	Preload	Base Warranty (year)	Gobal	Ann Date (mm/yy)
10D7000KUS	19.5" HD+	Touch	Pentium J2900	Intel HD	None	720p	4GBx1	500GB 7200	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	3-onsite	No	08/14
10D7000HUS	19.5" HD+	Touch	Pentium J2900	Intel HD	None	720p	8GBx1	500GB 7200	None	7260 ac	Frame	USB	black	Win7 P64 DG Win8.1	3-onsite	No	08/14

• For detailed platform specifications, please see [ThinkCentre E63z Platform Specifications sheet](#)

Processor	Intel® Pentium® or 4th Generation Intel Core™ i3 Processor	Some: 11b/g/n, Intel Centrino® Wireless-N 7260, Wi-Fi + BT combo Some: 11ac/a/b/g/n, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo																					
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Processor	Cores / Threads	Clock Speed	Max Burst Frequency	Cache	Memory Types	Integrated Graphics																	
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Disk	<p>Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm</p> <p>Some: 500GB (5400 rpm) or 1TB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</p> <p>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</p>	Keyboard																					
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SATA controller	<p><i>Pentium models:</i> Serial ATA, SATA 3.0Gb/s support, integrated in processor</p> <p><i>Core i3 models:</i> Serial ATA, SATA 6.0Gb/s support, integrated in processor</p>																						
Media reader	Optional 7-in-1 media card reader (Core i3 models only)	Mechanical																					
Graphics	Intel HD Graphics or Intel HD Graphics 4400 in processor, uses main memory, Maximum resolution: 1600x900@60Hz (panel); 2560x1600@60Hz (HDMI-out)																						
Display	19.5" (495.3mm) HD+ (1600x900) TFT color, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, wide viewing angle (horizontal: +/- 85°; vertical: +/- 80°), frameless for touch models, anti-glare for non-touch models	<table border="1"> <thead> <tr> <th>Dimensions (WxDxH)</th> <th>Weight (Maximum)</th> <th>Adjustments</th> </tr> </thead> <tbody> <tr> <td colspan="3">E63z non-touch with frame stand</td> </tr> <tr> <td>19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm</td> <td>8.82 lb (4 kg)</td> <td>Tilt: 10° to 60° back</td> </tr> <tr> <td colspan="3">E63z touch with frame stand</td> </tr> <tr> <td>19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm</td> <td>10.58 lb (4.8 kg)</td> <td>Tilt: 10° to 60° back</td> </tr> </tbody> </table>	Dimensions (WxDxH)	Weight (Maximum)	Adjustments	E63z non-touch with frame stand			19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm	8.82 lb (4 kg)	Tilt: 10° to 60° back	E63z touch with frame stand			19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm	10.58 lb (4.8 kg)	Tilt: 10° to 60° back						
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Camera	Some: 720p camera, 1.0-megapixel, fixed focus, digital microphone, LED indicator																						
Controls	Power button on right side																						
Chipset	Intel System-on-Chip (SoC) platform	Power supply																					
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Rear ports	<p><i>Pentium models:</i> Two USB 2.0, ethernet (RJ-45), DC-IN</p> <p><i>Core i3 models:</i> Two USB 2.0, ethernet (RJ-45), HDMI-out, DC-IN</p>	Limited warranty ³																					
Side ports	<p><i>Pentium models:</i> One USB 3.0, one microphone / headphone combo jack (3.5mm)</p> <p><i>Core i3 models:</i> One USB 3.0 (charging port), one microphone / headphone combo jack (3.5mm), 7-in-1 card reader</p>	Some: 1-year or 3-years, limited onsite service / service upgrades available Some: 1-year or 3-years, Depot or Carry-in / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																					
PCIe Mini Card	One PCI Express Mini Card slot (half size, for WLAN)	Preload																					
Audio support	High Definition (HD) Audio, Realtek ALC233 (Pentium models) or Conexant CX20751 (Core i3 models) / internal speakers (3watt x 2)	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit Some: Windows 8.1 64-bit Some: Windows 8.1 Pro 64-bit Some: Windows 8.1 with Bing 64-bit																					
WLAN ¹³	<p>Some: 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1</p> <p>Some: 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2</p>	Environment																					
		ENERGY STAR® 6.0 (For Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3																					

See footnotes for more detailed information

ThinkCentre E63z (10E1)

Product Specifications Reference (PSREF)

Model	Display	Multi-Touch	Processor	Graphics	Media Reader	Camera	Memory	Storage	Optical	WLAN	Floor Stand	Keyboard / Mouse	Color	Preload	Base Warranty (year)	Gobal	Ann Date (mm/yy)
10E10002US	19.5" HD+	None	i3-4005U	HD 4400	7-in-1	720p	4GBx1	500GB 7200	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	3-onsite	No	11/14
10E10005US	19.5" HD+	None	i3-4005U	HD 4400	7-in-1	720p	4GBx1	180GB SSD	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	3-onsite	No	11/14
10E10006US	19.5" HD+	None	i3-4005U	HD 4400	7-in-1	720p	8GBx1	256GB SSD OPAL	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	3-onsite	No	11/14
10E10007US	19.5" HD+	None	i3-4005U	HD 4400	7-in-1	720p	4GBx1	64GB SSD	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	3-onsite	No	11/14
10E10008US	19.5" HD+	None	i3-4005U	HD 4400	7-in-1	720p	8GBx1	500GB 7200	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	3-onsite	No	11/14

• For detailed platform specifications, please see [ThinkCentre E63z Platform Specifications sheet](#)

Processor	Intel® Pentium® or 4th Generation Intel Core™ i3 Processor	Some: 11b/g/n, Intel Centrino® Wireless-N 7260, Wi-Fi + BT combo Some: 11ac/a/b/g/n, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo																						
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Clock Speed</th> <th>Max Burst Frequency</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Pentium J2900</td> <td>4 / 4</td> <td>2.41 GHz</td> <td>2.66 GHz</td> <td>2MB</td> <td>DDR3L-1333</td> <td>Intel HD</td> </tr> <tr> <td>Core i3-4005U</td> <td>2 / 4</td> <td>1.7 Ghz</td> <td>-</td> <td>3MB</td> <td>DDR3L-1600</td> <td>Intel HD 4400</td> </tr> </tbody> </table>	Processor	Cores / Threads	Clock Speed	Max Burst Frequency	Cache	Memory Types	Integrated Graphics	Pentium J2900	4 / 4	2.41 GHz	2.66 GHz	2MB	DDR3L-1333	Intel HD	Core i3-4005U	2 / 4	1.7 Ghz	-	3MB	DDR3L-1600	Intel HD 4400	Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Processor	Cores / Threads	Clock Speed	Max Burst Frequency	Cache	Memory Types	Integrated Graphics																		
Pentium J2900	4 / 4	2.41 GHz	2.66 GHz	2MB	DDR3L-1333	Intel HD																		
Core i3-4005U	2 / 4	1.7 Ghz	-	3MB	DDR3L-1600	Intel HD 4400																		
	* System-on-Chip (SoC) solution, integrates Intel processor core, Graphics, Memory Controller, and I/O interfaces	Ethernet	One gigabit ethernet port, Realtek RTL8111G, Wake on LAN®																					
Memory	<p><i>Pentium models:</i> 8GB max⁷ / DDR3 Low Voltage, DDR3L-1600*, non-parity, one 204-pin SO-DIMM socket</p> <p><i>Core i3 models:</i> 16GB max⁷ / DDR3 Low Voltage, DDR3L-1600, non-parity, two 204-pin SO-DIMM sockets</p> <p>*System automatically clocks down for 1333MHz DDR3 memory controller</p>	vPro & iAMT Security chip	None																					
Disk	<p><i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm</p> <p><i>Some:</i> 500GB (5400 rpm) or 1TB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</p> <p><i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</p>	Security features	<ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • USB port disablement 																					
Optical	None	Keyboard	<p><i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo</p> <p><i>Some:</i> Lenovo Slim USB Keyboard (USB connector), Lenovo logo</p> <p><i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver)</p>																					
SATA controller	<p><i>Pentium models:</i> Serial ATA, SATA 3.0Gb/s support, integrated in processor</p> <p><i>Core i3 models:</i> Serial ATA, SATA 6.0Gb/s support, integrated in processor</p>	Mouse	<p><i>Some:</i> Enhanced Optical USB Mouse, Lenovo logo</p> <p><i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver)</p>																					
Media reader	Optional 7-in-1 media card reader (Core i3 models only)	Mechanical	<ul style="list-style-type: none"> • Business black or white • Support VESA mount (100mm) • Optional frame stand 																					
Graphics	Intel HD Graphics or Intel HD Graphics 4400 in processor, uses main memory, Maximum resolution: 1600x900@60Hz (panel); 2560x1600@60Hz (HDMI-out)	<table border="1"> <thead> <tr> <th>Dimensions (WxDxH)</th> <th>Weight (Maximum)</th> <th>Adjustments</th> </tr> </thead> <tbody> <tr> <td colspan="3">E63z non-touch with frame stand</td> </tr> <tr> <td>19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm</td> <td>8.82 lb (4 kg)</td> <td>Tilt: 10° to 60° back</td> </tr> <tr> <td colspan="3">E63z touch with frame stand</td> </tr> <tr> <td>19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm</td> <td>10.58 lb (4.8 kg)</td> <td>Tilt: 10° to 60° back</td> </tr> </tbody> </table>		Dimensions (WxDxH)	Weight (Maximum)	Adjustments	E63z non-touch with frame stand			19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm	8.82 lb (4 kg)	Tilt: 10° to 60° back	E63z touch with frame stand			19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm	10.58 lb (4.8 kg)	Tilt: 10° to 60° back						
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19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm	10.58 lb (4.8 kg)	Tilt: 10° to 60° back																						
Display	19.5" (495.3mm) HD+ (1600x900) TFT color, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, wide viewing angle (horizontal: +/- 85°; vertical: +/- 80°), frameless for touch models, anti-glare for non-touch models	Power supply	65 watts external adapter, autosensing, 88% PSU, 100-240V (50-60Hz)																					
Multi-touch	Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch	Limited warranty ³	<p><i>Some:</i> 1-year or 3-years, limited onsite service / service upgrades available</p> <p><i>Some:</i> 1-year or 3-years, Depot or Carry-in / service upgrades available</p> <p><i>For Lenovo service upgrade options, please go to S-TC sheet</i></p>																					
Camera	<i>Some:</i> 720p camera, 1.0-megapixel, fixed focus, digital microphone, LED indicator	Preload	<p><i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit</p> <p><i>Some:</i> Windows 8.1 64-bit</p> <p><i>Some:</i> Windows 8.1 Pro 64-bit</p> <p><i>Some:</i> Windows 8.1 with Bing 64-bit</p>																					
Controls	Power button on right side	Environment	ENERGY STAR® 6.0 (For Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3																					
Chipset	Intel System-on-Chip (SoC) platform																							
Rear ports	<p><i>Pentium models:</i> Two USB 2.0, ethernet (RJ-45), DC-IN</p> <p><i>Core i3 models:</i> Two USB 2.0, ethernet (RJ-45), HDMI-out, DC-IN</p>																							
Side ports	<p><i>Pentium models:</i> One USB 3.0, one microphone / headphone combo jack (3.5mm)</p> <p><i>Core i3 models:</i> One USB 3.0 (charging port), one microphone / headphone combo jack (3.5mm), 7-in-1 card reader</p>																							
PCIe Mini Card	One PCI Express Mini Card slot (half size, for WLAN)																							
Audio support	High Definition (HD) Audio, Realtek ALC233 (Pentium models) or Conexant CX20751 (Core i3 models) / internal speakers (3watt x 2)																							
WLAN ¹³	<p><i>Some:</i> 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1</p> <p><i>Some:</i> 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2</p>																							

See footnotes for more detailed information

ThinkCentre E63z (10E3) - Multi-touch

Product Specifications Reference (PSREF)

Model	Display	Multi-Touch	Processor	Graphics	Media Reader	Camera	Memory	Storage	Optical	WLAN	Floor Stand	Keyboard / Mouse	Color	Preload	Base Warranty (year)	Gobal	Ann Date (mm/yy)
10E30007US	19.5" HD+	Touch	i3-4005U	HD 4400	7-in-1	720p	4GBx1	500GB 7200	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	3-onsite	No	11/14
10E30008US	19.5" HD+	Touch	i3-4005U	HD 4400	7-in-1	720p	4GBx1	180GB SSD	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	3-onsite	No	11/14
10E30009US	19.5" HD+	Touch	i3-4005U	HD 4400	7-in-1	720p	8GBx1	500GB 7200	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	3-onsite	No	11/14
10E3000AUS	19.5" HD+	Touch	i3-4005U	HD 4400	7-in-1	720p	8GBx1	256GB SSD OPAL	None	7260 b/g/n	Frame	USB	black	Win7 P64 DG Win8.1	3-onsite	No	11/14

• For detailed platform specifications, please see [ThinkCentre E63z Platform Specifications sheet](#)

Processor	Intel® Pentium® or 4th Generation Intel Core™ i3 Processor	Some: 11b/g/n, Intel Centrino® Wireless-N 7260, Wi-Fi + BT combo Some: 11ac/a/b/g/n, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo																					
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		Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter One gigabit ethernet port, Realtek RTL8111G, Wake on LAN®																					
		vPro & iAMT Security chip																					
		None None																					
Memory	<p><i>Pentium models:</i> 8GB max⁷ / DDR3 Low Voltage, DDR3L-1600*, non-parity, one 204-pin SO-DIMM socket</p> <p><i>Core i3 models:</i> 16GB max⁷ / DDR3 Low Voltage, DDR3L-1600, non-parity, two 204-pin SO-DIMM sockets</p> <p>*System automatically clocks down for 1333MHz DDR3 memory controller</p>	Security features																					
		<ul style="list-style-type: none"> Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse USB port disablement 																					
Disk	<p>Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm</p> <p>Some: 500GB (5400 rpm) or 1TB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</p> <p>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide</p>	Keyboard																					
		Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo Slim USB Keyboard (USB connector), Lenovo logo Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver)																					
Optical	None	Mouse																					
SATA controller	<p><i>Pentium models:</i> Serial ATA, SATA 3.0Gb/s support, integrated in processor</p> <p><i>Core i3 models:</i> Serial ATA, SATA 6.0Gb/s support, integrated in processor</p>																						
Media reader	Optional 7-in-1 media card reader (Core i3 models only)	Mechanical																					
Graphics	Intel HD Graphics or Intel HD Graphics 4400 in processor, uses main memory, Maximum resolution: 1600x900@60Hz (panel); 2560x1600@60Hz (HDMI-out)																						
Display	19.5" (495.3mm) HD+ (1600x900) TFT color, LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, wide viewing angle (horizontal: +/- 85°; vertical: +/- 80°), frameless for touch models, anti-glare for non-touch models	<table border="1"> <thead> <tr> <th>Dimensions (WxDxH)</th> <th>Weight (Maximum)</th> <th>Adjustments</th> </tr> </thead> <tbody> <tr> <td colspan="3">E63z non-touch with frame stand</td> </tr> <tr> <td>19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm</td> <td>8.82 lb (4 kg)</td> <td>Tilt: 10° to 60° back</td> </tr> <tr> <td colspan="3">E63z touch with frame stand</td> </tr> <tr> <td>19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm</td> <td>10.58 lb (4.8 kg)</td> <td>Tilt: 10° to 60° back</td> </tr> </tbody> </table>	Dimensions (WxDxH)	Weight (Maximum)	Adjustments	E63z non-touch with frame stand			19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm	8.82 lb (4 kg)	Tilt: 10° to 60° back	E63z touch with frame stand			19.21" X 2.44" X 13.62" 488mm X 62mm X 346mm	10.58 lb (4.8 kg)	Tilt: 10° to 60° back						
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Multi-touch	Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch																						
Camera	Some: 720p camera, 1.0-megapixel, fixed focus, digital microphone, LED indicator																						
Controls	Power button on right side																						
Chipset	Intel System-on-Chip (SoC) platform	Power supply																					
		65 watts external adapter, autosensing, 88% PSU, 100-240V (50-60Hz)																					
Rear ports	<p><i>Pentium models:</i> Two USB 2.0, ethernet (RJ-45), DC-IN</p> <p><i>Core i3 models:</i> Two USB 2.0, ethernet (RJ-45), HDMI-out, DC-IN</p>	Limited warranty ³																					
Side ports	<p><i>Pentium models:</i> One USB 3.0, one microphone / headphone combo jack (3.5mm)</p> <p><i>Core i3 models:</i> One USB 3.0 (charging port), one microphone / headphone combo jack (3.5mm), 7-in-1 card reader</p>	Some: 1-year or 3-years, limited onsite service / service upgrades available Some: 1-year or 3-years, Depot or Carry-in / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet																					
PCIe Mini Card	One PCI Express Mini Card slot (half size, for WLAN)	Preload																					
Audio support	High Definition (HD) Audio, Realtek ALC233 (Pentium models) or Conexant CX20751 (Core i3 models) / internal speakers (3watt x 2)	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit Some: Windows 8.1 64-bit Some: Windows 8.1 Pro 64-bit Some: Windows 8.1 with Bing 64-bit																					
WLAN ¹³	<p>Some: 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1</p> <p>Some: 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2</p>	Environment																					
		ENERGY STAR® 6.0 (For Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3																					

See footnotes for more detailed information



ThinkCentre E73 SFF and Tower



ThinkCentre E73 Tower with Dual Lenovo ThinkVision Monitors



ThinkCentre E73 SFF



ThinkCentre E73 SFF



ThinkCentre E73 Tower



ThinkCentre E73 SFF with HDD and optional SSD

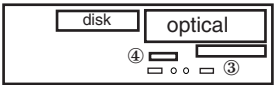
ThinkCentre E73 SFF (10AU) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Parallel port	Serial port	Floor stand	Keyboard / mouse	Global	Preload	Ann date (mm/dd/yy)
10AU002MUS	3x4	i5-4430S	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	Serial	None	USB	None	Win7 Pro64 (DG)	10/22/13
10AU002PUS	3x4	i3-4130	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	Parallel	Serial	Stand	USB(slim)	None	Win7 Pro64 (DG)	10/22/13
10AU002QUS	3x4	G3220	2GBx1	500G 7200	DVD±RW	None	None	Intel HD	Parallel	Serial	Stand	USB(slim)	None	Win7 Pro64 (DG)	10/22/13
10AU002RUS	3x4	i5-4570S	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	Parallel	Serial	Stand	USB(slim)	None	Win7 Pro64 (DG)	10/22/13
10AU00EUUS	3x4	i5-4460S	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	None	USB	None	Win7 P64 DG Win8.1	11/18/14
10AU00ETUS	3x4	i7-4790S	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	None	USB	None	Win7 P64 DG Win8.1	11/18/14
10AU00ERUS	3x4	G3240	4GBx1	500G 7200	DVD±RW	None	None	Intel HD	None	None	None	USB	None	Win7 P64 DG Win8.1	11/18/14
10AU00ESUS	3x4	i3-4150	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	None	USB	None	Win7 P64 DG Win8.1	11/18/14
10AU00MGUS	3x4	i3-4150	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	None	USB	None	Win7 P64 DG Win10	08/18/15
10AU00MFUS	3x4	i5-4460S	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	None	USB	None	Win7 P64 DG Win10	08/18/15

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 1-year limited warranty

Positioning Processor	Stylish design, reliability, and productivity for small/medium businesses Intel® Pentium® or 4th Generation Intel Core™ i3 / i5 / i7 Processors	Preloaded operating system Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8/8.1/10 Pro 64-bit Ready to install applications (only some listed) <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Power Manager • ThinkVantage Device Experience • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Evernote® • Microsoft® Office preloaded; purchase a product key to activate • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Nitro Pro
Implementation	Processor in LGA1150 socket	
Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3* , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller	
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort) @60Hz; 1920x1200 (VGA) @60Hz (Reduced Blanking)</i>	
DP dongle	None	
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm	
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset	
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar	
eSATA port	None	
Media reader	Optional 9-in-1 media reader, internal USB 2.0	
Chipset	Intel H81 Express Chipset	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Two USB 3.0, two USB 2.0, optional serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA DB-15, DisplayPort	
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)	
PCIe WLAN	None	
Bluetooth	None	
Audio	High Definition (HD) Audio, Realtek® ALC662 codec	
Speaker	Internal speaker for business audio	
IEEE 1394	None	
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN	
Manageability	None	
Modem	None	
Security chip	None	
Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo <i>Some:</i> Lenovo® Slim USB Keyboard (USB connector), black, Lenovo logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Floor Stand	Optional system floor stand for vertical orientation	
Power supply	180 watts, universal, autosensing	
Machine	<ul style="list-style-type: none"> • Glossy black bezel; metal case • 13.2" W X 15.0" D X 3.98" H • 336mm W X 382mm D X 101mm H • 13.2 lb (6.0 kg) in maximum configuration • Highlighted optical drive button for easy access 	
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 2.5", N/A, no access, opt 2nd SSD* Bay 4: 1.5", .35" high, access, optnl reader* *bay only available on models with SSD/reader installed	
Slot	Slot 1: Low Profile, PCI Express® 3.0 x16 (40w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, PCIe 2.0 x1	
Limited Warranty ¹	1-year, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	



See footnotes for important warranty information

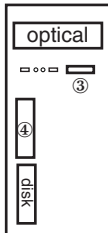
ThinkCentre E73 Tower (10AS) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Parallel port	Serial port	Keyboard / mouse	Global	Preload	Ann date (mm/dd/yy)
10AS002JUS	3x4	i3-4130	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	Parallel	Serial	USB(slim)	None	Win7 Pro64 (DG)	10/22/13
10AS002KUS	3x4	i5-4570S	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	Parallel	Serial	USB(slim)	None	Win7 Pro64 (DG)	10/22/13
10AS005LUS	3x4	G3220	2GBx1	500G 7200	DVD±RW	None	None	Intel HD	None	None	USB	None	Win7 Pro64 (DG)	12/10/13
10AS00DEUS	3x4	G3240	4GBx1	500G 7200	DVD±RW	None	None	Intel HD	None	None	USB	None	Win7 P64 DG Win8.1	11/18/14
10AS00DFUS	3x4	i5-4460S	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	USB	None	Win7 P64 DG Win8.1	11/18/14
10AS00DGUS	3x4	i7-4790S	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	USB	None	Win7 P64 DG Win8.1	11/18/14
10AS00DDUS	3x4	i3-4150	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	USB	None	Win7 P64 DG Win8.1	11/18/14
10AS00GTUS	3x4	i3-4150	4GBx1	500G 7200	DVD±RW	None	None	HD 4400	None	None	USB	None	Win7 P64 DG Win10	08/18/15
10AS00GUUS	3x4	i5-4460S	4GBx1	500G 7200	DVD±RW	None	None	HD 4600	None	None	USB	None	Win7 P64 DG Win10	08/18/15

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 1-year limited warranty

Positioning	Stylish design, reliability, and productivity for small/medium businesses		Preloaded operating system Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8/8.1/10 Pro 64-bit Ready to install applications (only some listed) <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Power Manager • ThinkVantage Device Experience • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Evernote® • Microsoft® Office preloaded; purchase a product key to activate • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Nitro Pro
Processor	Intel® Pentium® or 4th Generation Intel Core™ i3 / i5 / i7 Processors		
	Processor	Cores / Threads	
		Frequency (Base/Max)	
		Cache	
		Memory Types	
		Integrated Graphics	
	Pentium G3240	2 / 2	
	Pentium G3220	2 / 2	
	Core i3-4150	2 / 4	
	Core i3-4130	2 / 4	
	Core i5-4570S	4 / 4	
	Core i5-4460S	4 / 4	
	Core i5-4430S	4 / 4	
	Core i7-4790S	4 / 8	
Implementation	Processor in LGA1150 socket		
Memory	16GB max, UDIMM, PC3-12800 1600MHz DDR3* , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller		
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)</i>		
DP dongle	None		
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm		
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive		
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset		
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar		
eSATA port	None		
Media reader	Optional 9-in-1 media reader, internal USB 2.0		
Chipset	Intel H81 Express Chipset		
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)		
Rear ports	Two USB 3.0, two USB 2.0, optional serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA DB-15, DisplayPort		
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)		
PCIe WLAN	None		
Bluetooth	None		
Audio	High Definition (HD) Audio, Realtek® ALC662 codec		
Speaker	Internal speaker for business audio		
IEEE 1394	None		
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN		
Manageability	None		
Modem	None		
Security chip	None		
Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo <i>Some:</i> Lenovo® Slim USB Keyboard (USB connector), black, Lenovo logo		
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo		
Power supply	180 watts, universal, autosensing		
Machine	<ul style="list-style-type: none"> • Glossy black bezel; metal case • 6.3" W X 15.7" D X 15.6" H (with handle) • 160mm W X 400mm D X 397mm H • 16.5 lb (7.5 kg) in maximum configuration • Ergonomic rubberized handle • Highlighted optical drive button for easy access 		
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 1.5", .35" high, access, optnl reader* Bay 4: 3.5", 1" high, no access, opt 2nd 2.5" disk** *bay only available on models with media reader installed **3.5" to 2.5" bracket comes with optional 2nd 2.5" disk		
Slot	Slot 1: half-length, full-height, PCI Express® 3.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x1		
Limited Warranty ¹	1-year, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available		



See footnotes for important warranty information



ThinkCentre E93z with Frame Stand



ThinkCentre E93z with Monitor Stand



ThinkCentre E93z with Frame Stand



ThinkCentre E93z with Monitor Stand



ThinkCentre E93z with Frame Stand



ThinkCentre E93z with Monitor Stand

ThinkCentre E93z All-In-One - II

ThinkCentre®



ThinkCentre E93z with UltraFlex Stand



ThinkCentre E93z with UltraFlex Stand



ThinkCentre E93z with UltraFlex Stand



ThinkCentre E93z with UltraFlex Stand with optional wireless mouse / keyboard and Lenovo ThinkVision Monitor



ThinkCentre E93z with UltraFlex Stand



ThinkCentre E93z (handle)

ThinkCentre E93z (10B8) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Pro-processor	Memory ^a	Wide-screen display	Multi-Touch	Camera (mega-pixel)	Disk SATA GB rpm	SATA optical	Graphics	PCIe Mini Card WLAN	Media reader	Stand type	Key-board/Mouse	Preload	Ann date (mm/dd/yy)
10B80007US	i5-4430S	4GBx1	21.5" FHD	None	2.0M	500G 7200	DVD±RW	HD 4600	N2230	Media	Frame	USB	Win7 P64 DG Win8	08/27/13
10B80058US	i3-4130	4GBx1	21.5" FHD	None	2.0M	500G 7200	DVD±RW	HD 4400	N2230	Media	Frame	USB(slim)	Win7 P64 DG Win8	10/22/13
10B8007CUS	i5-4430S	4GBx1	21.5" FHD	None	2.0M	500G 7200	DVD±RW	HD 4600	N7260	Media	UltraFlex	USB	Win7 P64 DG Win8.1	04/08/14
10B8008KUS	i3-4130	4GBx1	21.5" FHD	None	2.0M	500G 7200	DVD±RW	HD 4400	N7260	Media	Monitor	USB	Win7 P64 DG Win8.1	12/16/14
10B8008LUS	i5-4430S	4GBx1	21.5" FHD	None	2.0M	500G 7200	DVD±RW	HD 4600	N7260	Media	Monitor	USB	Win7 P64 DG Win8.1	12/16/14

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 1-year limited warranty

Positioning	<i>Premium All-In-One PC for the enterprise</i>	Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit
Processor	Intel® Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4430S Processor (4 cores / 4 threads, 2.7GHz, 6MB cache), Turbo Boost 2.0 (3.2GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket	
Implementation		Ready to install applications (only some listed) • Rescue and Recovery™ • Password Manager Preloaded applications (only some listed) • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Device Experience • ThinkVantage AutoLock • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote • Lenovo Solutions for Small Business • Nitro Pro
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)	
Graphics	Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX® 11.1, external digital monitor support via HDMI, supports dual independent display; <i>Max resolution:</i> 1920x1080 (panel)@60Hz; 1920x1080 (HDMI)@60Hz	
Display	21.5" (546.1mm) Full HD 1080p (1920x1080) TFT color , wide viewing angle (+/- 85°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, infinity display, work as standalone monitor via HDMI-in connector	
Light sensor	None	
Multi-touch	None	
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off	
Controls	Monitor mode / computer mode button, volume up/down buttons, and power button	
Disk	SATA 3.0Gb/s, 2.5" Wide, 7200 rpm	
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable	
Onboard SATA	Two SATA cables (each 1-drop to device), one SATA 6.0Gb/s connector and one SATA 3.0Gb/s connector on planar	
Media reader	Optional 11-in-1 media card reader	
Chipset	Intel B85 Express Chipset	
Rear ports	Four USB 2.0, ethernet (RJ-45), HDMI-out, HDMI-in	
Side ports	Two USB 3.0 (one Always On USB 3.0), one headphone / microphone combo jack (stereo, 3.5mm), one optional media card reader	
PCIe Mini Card	Two PCI Express® Mini Card slots	
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2	
Bluetooth	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
Ethernet	One gigabit ethernet port, Intel I217-V, Wake on LAN®	
Audio support	High Definition (HD) Audio, Realtek ALC283CG / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified	
Intel AMT	None	
Security chip	None	
Keyboard	<i>Some:</i> Lenovo® Slim New F5 USB Keyboard (USB connector), black <i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Power supply	150 watts, autosensing, 85% PSU	
Color	Business black color	
VESA mount	Support VESA mount (100mm)	
Dimensions and weight (without stand)	<i>Non-touch models (WxDxH):</i> 21.02" X 1.91" X 15.20"; 534mm X 48.5mm X 386 mm 14.55 lb (6.6 kg) in maximum configuration <i>Touch models (WxDxH):</i> 21.02" X 1.95" X 15.20"; 534mm X 49.6mm X 386 mm 16.31 lb (7.4 kg) in maximum configuration	
Stand	<i>Optional Frame Stand:</i> Adjustable between 10° and 65° (Tilt) <i>Optional Monitor Stand:</i> Adjustable between -5° and 45° (Tilt) <i>Optional UltraFlex Stand:</i> Tilt: 65° back, 0° forward; Lift: 110mm; Swivel: +/-90°; supports recline mode (from an upright position to an angled plane) and cable management	
Limited Warranty	1-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available	
		Security • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement ENERGY STAR® 6.0-compliant EuP 2013 GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information

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(TRPL1-1) December 2014

ThinkCentre E93z (10B9) - NVIDIA (TopSeller)

Product Specifications Reference (PSREF)

Type-model	Pro-processor	Memory ⁸	Wide-screen display	Multi-Touch	Camera (mega-pixel)	Disk SATA GB rpm	SATA optical	Graphics	PCIe Mini Card	Media reader	Stand type	Key-board/Mouse Global	Preload	Ann date (mm/dd/yy)
10B9000SUS	i5-4430S	4GBx1	21.5" FHD	None	2.0M	500G 7200	DVD±RW	GT 720A	N2230	Media	Frame	USB	None	Win7 Pro64 DG 08/27/13

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 1-year limited warranty

Positioning	<i>Premium All-In-One PC for the enterprise</i>										
Processor	Intel® Core™ i5-4430S Processor (4 cores / 4 threads, 2.7GHz, 6MB cache), Turbo Boost 2.0 (3.2GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket										
Implementation	Processor in LGA1150 socket										
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)										
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4400/4600 in processor, and NVIDIA GeForce® GT 720A , PCI Express® x16, 1GB memory, DirectX® 11, external digital monitor support via HDMI, supports dual independent display; <i>Max resolution: 1920x1080 (panel)@60Hz; 1920x1080 (HDMI)@60Hz</i>										
Display	21.5" (546.1mm) Full HD 1080p (1920x1080) TFT color , wide viewing angle (+/- 85°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, infinity display, work as standalone monitor via HDMI-in connector										
Light sensor	None										
Multi-touch	None										
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off										
Controls	Monitor mode / computer mode button, volume up/down buttons, and power button										
Disk	SATA 3.0Gb/s, 2.5" Wide, 7200 rpm										
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable										
Onboard SATA	Two SATA cables (each 1-drop to device), one SATA 6.0Gb/s connector and one SATA 3.0Gb/s connector on planar										
Media reader	Optional 11-in-1 media card reader										
Chipset	Intel B85 Express Chipset										
Rear ports	Four USB 2.0, ethernet (RJ-45), HDMI-out, HDMI-in										
Side ports	Two USB 3.0 (one Always On USB 3.0), one headphone / microphone combo jack (stereo, 3.5mm), one optional media card reader										
PCIe Mini Card	Two PCI Express® Mini Card slots										
PCIe WLAN	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2										
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter										
Ethernet	One gigabit ethernet port, Intel I217-V, Wake on LAN®										
Audio support	High Definition (HD) Audio, Realtek ALC283CG / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified										
Intel AMT Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Power supply	180 watts, autosensing, 92% PSU										
Color	Business black color										
VESA mount	Support VESA mount (100mm)										
Dimensions and weight (without stand)	<i>Non-touch models (WxDxH):</i> 21.02" X 1.91" X 15.20"; 534mm X 48.5mm X 386 mm 14.55 lb (6.6 kg) in maximum configuration										
	<i>Touch models (WxDxH):</i> 21.02" X 1.95" X 15.20"; 534mm X 49.6mm X 386 mm 16.31 lb (7.4 kg) in maximum configuration										
Stand	<i>Optional Frame Stand:</i> Adjustable between 10° and 65° (Tilt)										
	<i>Optional Monitor Stand:</i> Adjustable between -5° and 45° (Tilt)										
	<i>Optional UltraFlex Stand:</i> Tilt: 65° back, 0° forward; Lift: 110mm; Swivel: +/-90°; supports recline mode (from an upright position to an angled plane) and cable management										
Limited Warranty	1-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										
Preloaded operating system Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Ready to install applications (only some listed) <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Device Experience • ThinkVantage AutoLock • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote • Lenovo Solutions for Small Business • Nitro Pro Security <ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement ENERGY STAR® 6.0-compliant EuP 2013 GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet											

See footnotes for important warranty information
US model(s) announced August 27, 2013

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(TRPL1-2) September 2013

ThinkCentre E93z (10BA) - Multi-touch (NVIDIA) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Pro-processor	Memory ^a	Wide-screen display	Multi-Touch	Camera (mega-pixel)	Disk SATA GB rpm	SATA optical	Graphics	PCIe Mini Card WLAN	Media reader	Stand type	Key-board/Mouse	Warranty	Preload	Ann date (mm/dd/yy)
10BA000EUS	i7-4770S	4GBx1	21.5" FHD	Touch	2.0M	500G Hybrid	DVD±RW	GT 720A	N2230	Media	Frame	2.4G	1-year Win7	Pro64 DG	08/27/13
10BA000FUS	i7-4770S	4GBx1	21.5" FHD	Touch	2.0M	500G Hybrid	DVD±RW	GT 720A	N2230	Media	UltraFlex	2.4G	1-year Win7	Pro64 DG	08/27/13
10BA000GUS	i5-4430S	4GBx1	21.5" FHD	Touch	2.0M	500G 7200	DVD±RW	GT 720A	N2230	Media	Frame	USB	1-year Win7	Pro64 DG	08/27/13
10BA000HUS	i5-4430S	8GBx1	21.5" FHD	Touch	2.0M	500G 7200	DVD±RW	GT 720A	N2230	Media	Frame	USB	1-year Win7	Pro64 DG	08/27/13
10BA001LUS	i7-4770S	8GBx1	21.5" FHD	Touch	2.0M	500G Hybrid	DVD±RW	GT 720A	N2230	Media	UltraFlex	USB	1-year Win7	Pro64 DG	08/27/13
10BA00AFUS	i5-4430S	4GBx1	21.5" FHD	Touch	2.0M	500G 7200	DVD±RW	GT 720A	N7260	Media	Frame	USB	3-year Win7	P64 DG Win8.1	02/17/15

• Small and medium business (SMB) model(s), part of the US TopSeller™ Program

Positioning	<i>Premium All-In-One PC for the enterprise</i>											Preloaded operating system			
Processor	Intel® Core™ i5-4430S Processor (4 cores / 4 threads, 2.7GHz, 6MB cache), Turbo Boost 2.0 (3.2GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i7-4770S Processor (4 cores / 8 threads, 3.1GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit			
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)			
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> Rescue and Recovery™ Password Manager 			
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4400/4600 in processor, and NVIDIA GeForce® GT 720A , PCI Express® x16, 1GB memory, DirectX® 11, external digital monitor support via HDMI, supports dual independent display; <i>Max resolution: 1920x1080 (panel)@60Hz; 1920x1080 (HDMI)@60Hz</i>											Preloaded applications (only some listed)			
Display	21.5" (546.1mm) Full HD 1080p (1920x1080) TFT color , wide viewing angle (+/- 85°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, infinity display, work as standalone monitor via HDMI-in connector											<ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility ThinkVantage Device Experience ThinkVantage AutoLock Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote Lenovo Solutions for Small Business Nitro Pro 			
Light sensor	None														
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch														
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off														
Controls	Monitor mode / computer mode button, volume up/down buttons, and power button														
Disk	<i>Some:</i> SATA 3.0Gb/s, 2.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide														
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable														
Onboard SATA	Two SATA cables (each 1-drop to device), one SATA 6.0Gb/s connector and one SATA 3.0Gb/s connector on planar														
Media reader	Optional 11-in-1 media card reader														
Chipset	Intel B85 Express Chipset														
Rear ports	Four USB 2.0, ethernet (RJ-45), HDMI-out, HDMI-in														
Side ports	Two USB 3.0 (one Always On USB 3.0), one headphone / microphone combo jack (stereo, 3.5mm), one optional media card reader														
PCIe Mini Card	Two PCI Express® Mini Card slots														
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2														
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter														
Ethernet	One gigabit ethernet port, Intel I217-V, Wake on LAN®														
Audio support	High Definition (HD) Audio, Realtek ALC283CG / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified														
Intel AMT	None														
Security chip	None											Security			
Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo® logo <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black											<ul style="list-style-type: none"> Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement 			
Mouse	<i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black														
Power supply	180 watts, autosensing, 92% PSU														
Color	Business black color														
VESA mount	Support VESA mount (100mm)														
Dimensions and weight (without stand)	<i>Non-touch models (WxDxH):</i> 21.02" X 1.91" X 15.20"; 534mm X 48.5mm X 386 mm 14.55 lb (6.6 kg) in maximum configuration <i>Touch models (WxDxH):</i> 21.02" X 1.95" X 15.20"; 534mm X 49.6mm X 386 mm 16.31 lb (7.4 kg) in maximum configuration											ENERGY STAR® 5.2-compliant EuP 2013			
Stand	<i>Optional Frame Stand:</i> Adjustable between 10° and 65° (Tilt) <i>Optional Monitor Stand:</i> Adjustable between -5° and 45° (Tilt) <i>Optional UltraFlex Stand:</i> Tilt: 65° back, 0° forward; Lift: 110mm; Swivel: +/-90°; supports recline mode (from an upright position to an angled plane) and cable management											GREENGUARD® certified RoHS-compliant			
Limited Warranty	1-year or 3-year, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet			

See footnotes for important warranty information

ThinkCentre E93z (10BA) - Multi-touch (NVIDIA) - TopSeller (Win8)

Product Specifications Reference (PSREF)

Type-model	Pro-processor	Memory ⁸	Wide-screen display	Multi-Touch	Camera (mega-pixel)	Disk SATA GB rpm	SATA optical	Graphics	PCIe Mini Card	Media reader	Stand type	Key-board/Mouse Global	Preload	Ann date (mm/dd/yy)
10BA000MUS	i5-4670S	4GBx1	21.5" FHD	Touch	2.0M	500G 7200	DVD±RW	GT 720A	N2230	Media	Frame	USB None	Win8 Pro64	08/27/13
10BA001MUS	i5-4570S	4GBx1	21.5" FHD	Touch	2.0M	500G 7200	DVD±RW	GT 720A	N2230	Media	UltraFlex	USB None	Win8 Pro64	08/27/13

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 1-year limited warranty

Positioning	<i>Premium All-In-One PC for the enterprise</i>											Preloaded operating system
Processor	Intel® Core™ i5-4570S Processor (4 cores / 4 threads, 2.9GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Intel Core i5-4670S Processor (4 cores / 4 threads, 3.1GHz, 6MB cache), Turbo Boost 2.0 (3.8GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket											Windows® 8 Pro 64-bit
Implementation												Web install applications (only some listed)
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> • Password Manager
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4400/4600 in processor, and NVIDIA GeForce® GT 720A , PCI Express® x16, 1GB memory, DirectX® 11, external digital monitor support via HDMI, supports dual independent display; <i>Max resolution: 1920x1080 (panel)@60Hz; 1920x1080 (HDMI)@60Hz</i>											Preloaded applications (only some listed)
Display	21.5" (546.1mm) Full HD 1080p (1920x1080) TFT color , wide viewing angle (+/- 85°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, infinity display, work as standalone monitor via HDMI-in connector											<ul style="list-style-type: none"> • ThinkVantage System Update • ThinkVantage AutoLock • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Support • Lenovo Companion • Norton Internet Security (30 days of virus definitions) • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote® • Lenovo Solutions for Small Business • Nitro Pro • AccuWeather • Norton™ Studio
Light sensor	None											
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch											
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off											
Controls	Monitor mode / computer mode button, volume up/down buttons, and power button											
Disk	SATA 3.0Gb/s, 2.5" Wide, 7200 rpm											
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable											
Onboard SATA	Two SATA cables (each 1-drop to device), one SATA 6.0Gb/s connector and one SATA 3.0Gb/s connector on planar											
Media reader	Optional 11-in-1 media card reader											
Chipset	Intel B85 Express Chipset											
Rear ports	Four USB 2.0, ethernet (RJ-45), HDMI-out, HDMI-in											
Side ports	Two USB 3.0 (one Always On USB 3.0), one headphone / microphone combo jack (stereo, 3.5mm), one optional media card reader											
PCIe Mini Card	Two PCI Express® Mini Card slots											
PCIe WLAN	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2											
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											
Ethernet	One gigabit ethernet port, Intel I217-V, Wake on LAN®											
Audio support	High Definition (HD) Audio, Realtek ALC283CG / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified											
Intel AMT	None											
Security chip	None											Security
Keyboard	Preferred Pro USB Keyboard (USB connector), Lenovo® logo											<ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Power supply	180 watts, autosensing, 92% PSU											
Color	Business black color											
VESA mount	Support VESA mount (100mm)											
Dimensions and weight (without stand)	<i>Non-touch models (WxDxH):</i> 21.02" X 1.91" X 15.20"; 534mm X 48.5mm X 386 mm 14.55 lb (6.6 kg) in maximum configuration <i>Touch models (WxDxH):</i> 21.02" X 1.95" X 15.20"; 534mm X 49.6mm X 386 mm 16.31 lb (7.4 kg) in maximum configuration											ENERGY STAR® 6.0-compliant
Stand	<i>Optional Frame Stand:</i> Adjustable between 10° and 65° (Tilt) <i>Optional Monitor Stand:</i> Adjustable between -5° and 45° (Tilt) <i>Optional UltraFlex Stand:</i> Tilt: 65° back, 0° forward; Lift: 110mm; Swivel: +/-90°; supports recline mode (from an upright position to an angled plane) and cable management											EuP 2013 GREENGUARD® certified RoHS-compliant
Limited Warranty	1-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies
												For compatible accessories, please go to TC-AQP sheet;
												For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information
US model(s) announced August 27, 2013

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(TRPL1-4) September 2013

ThinkCentre E93z (10BH)

Product Specifications Reference (PSREF)

Type-model	Pro-cessor	Memory ⁸	Wide-screen display	Multi-Touch	Camera (mega-pixel)	Disk SATA GB rpm	SATA optical	Graphics	PCIe Mini Card WLAN	Media reader	Stand type	Key-board/Mouse	Preload	Ann date (mm/dd/yy)
10BH0004US	i3-4130	4GBx1	21.5" FHD	None	2.0M	500G 7200	DVD±RW	HD 4400	N2230	Media	Frame	USB(slim)	Win7 P64 DG Win 8	07/15/14
10BH0005US	i5-4430S	4GBx1	21.5" FHD	None	2.0M	500G 7200	DVD±RW	HD 4600	N2230	Media	Frame	USB(slim)	Win7 P64 DG Win 8	07/15/14
10BH0006US	i5-4430S	4GBx1	21.5" FHD	None	2.0M	500G 7200	DVD±RW	HD 4600	N2230	Media	UltraFlex	USB(slim)	Win7 P64 DG Win 8	07/15/14

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Premium All-In-One PC for the enterprise</i>										
Processor	Intel® Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4430S Processor (4 cores / 4 threads, 2.7GHz, 6MB cache), Turbo Boost 2.0 (3.2GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller										
Implementation	Processor in LGA1150 socket										
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)										
Graphics	Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX® 11.1, external digital monitor support via HDMI, supports dual independent display; Max resolution: 1920x1080 (panel) @60Hz; 1920x1080 (HDMI) @60Hz										
Display	21.5" (546.1mm) Full HD 1080p (1920x1080) TFT color , wide viewing angle (+/- 85°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, infinity display, work as standalone monitor via HDMI-in connector										
Light sensor	None										
Multi-touch	None										
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off										
Controls	Monitor mode / computer mode button, volume up/down buttons, and power button										
Disk	SATA 3.0Gb/s, 2.5" Wide, 7200 rpm										
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable										
Onboard SATA	Two SATA cables (each 1-drop to device), one SATA 6.0Gb/s connector and one SATA 3.0Gb/s connector on planar										
Media reader	Optional 11-in-1 media card reader										
Chipset	Intel B85 Express Chipset										
Rear ports	Four USB 2.0, ethernet (RJ-45), HDMI-out, HDMI-in										
Side ports	Two USB 3.0 (one Always On USB 3.0), one headphone / microphone combo jack (stereo, 3.5mm), one optional media card reader										
PCIe Mini Card	Two PCI Express® Mini Card slots										
PCIe WLAN	Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo adapter, 2x2 Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2										
Bluetooth	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter										
Ethernet	One gigabit ethernet port, Intel I217-V, Wake on LAN®										
Audio support	High Definition (HD) Audio, Realtek ALC283CG / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified										
Intel AMT	None										
Security chip	None										
Keyboard	Some: Lenovo® Slim New F5 USB Keyboard (USB connector), black Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Power supply	150 watts, autosensing, 85% PSU										
Color	Business black color										
VESA mount	Support VESA mount (100mm)										
Dimensions and weight (without stand)	<i>Non-touch models (WxDxH):</i> 21.02" X 1.91" X 15.20"; 534mm X 48.5mm X 386 mm 14.55 lb (6.6 kg) in maximum configuration <i>Touch models (WxDxH):</i> 21.02" X 1.95" X 15.20"; 534mm X 49.6mm X 386 mm 16.31 lb (7.4 kg) in maximum configuration										
Stand	<i>Optional Frame Stand:</i> Adjustable between 10° and 65° (Tilt) <i>Optional Monitor Stand:</i> Adjustable between -5° and 45° (Tilt) <i>Optional UltraFlex Stand:</i> Tilt: 65° back, 0° forward; Lift: 110mm; Swivel: +/-90°; supports recline mode (from an upright position to an angled plane) and cable management										
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										
	Preloaded operating system Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit										
	Ready to install applications (only some listed) ● Rescue and Recovery™ ● Password Manager Preloaded applications (only some listed) ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Device Experience ● ThinkVantage AutoLock ● Desktop Power Manager ● View Management Utility ● Lenovo Cloud Storage by SugarSync ● Lenovo Solution Center ● Lenovo Message Center Plus ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ ● Microsoft Office preloaded; purchase a product key to activate ● Cyberlink PowerDVD (DVD±RW, DVD) ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) ● Evernote ● Lenovo Solutions for Small Business ● Nitro Pro										
	Security ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement										
	ENERGY STAR® 6.0-compliant EuP 2013 GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies										
	For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet										

See footnotes for important warranty information

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ThinkCentre E93z (10BK) - Multi-touch (NVIDIA)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	Wide-screen display	Multi-Touch	Camera (mega-pixel)	Disk SATA GB rpm	SATA optical	Graphics	PCIe Mini Card WLAN	Media reader	Stand type	Key-board/Mouse	Global	Preload	Ann date (mm/dd/yy)
10BK0007US	i5-4430S	4GBx1	21.5" FHD	Touch	2.0M	500G 7200	DVD±RW	GT 720A	7260 b/g/n	Media	UltraFlex	USB(slim)	None	Win7 P64 DG Win 8.1	07/15/14
10BK0006US	i3-4130	4GBx1	21.5" FHD	Touch	2.0M	500G 7200	DVD±RW	GT 720A	7260 b/g/n	Media	UltraFlex	USB(slim)	None	Win7 P64 DG Win 8.1	07/15/14

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 1-year limited warranty

Positioning	<i>Premium All-In-One PC for the enterprise</i>											Preloaded operating system
Processor	Intel® Core™ i3-4130 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), Intel HD Graphics 4400, 1600MHz DDR3 memory controller Intel Core i5-4430S Processor (4 cores / 4 threads, 2.7GHz, 6MB cache), Turbo Boost 2.0 (3.2GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller											Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit
Implementation	Processor in LGA1150 socket											Ready to install applications (only some listed)
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4400/4600 in processor, and NVIDIA GeForce® GT 720A , PCI Express® x16, 1GB memory, DirectX® 11, external digital monitor support via HDMI, supports dual independent display; <i>Max resolution:</i> 1920x1080 (panel)@60Hz; 1920x1080 (HDMI)@60Hz											Preloaded applications (only some listed)
Display	21.5" (546.1mm) Full HD 1080p (1920x1080) TFT color , wide viewing angle (+/- 85°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, infinity display, work as standalone monitor via HDMI-in connector											<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Device Experience • ThinkVantage AutoLock • Desktop Power Manager • View Management Utility • Lenovo Cloud Storage by SugarSync • Lenovo Solution Center • Lenovo Message Center Plus • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ • Microsoft Office preloaded; purchase a product key to activate • Cyberlink PowerDVD (DVD±RW, DVD) • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) • Evernote • Lenovo Solutions for Small Business • Nitro Pro
Light sensor	None											
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch											
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off											
Controls	Monitor mode / computer mode button, volume up/down buttons, and power button											
Disk	<i>Some:</i> SATA 3.0Gb/s, 2.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide											
Optical	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable											
Onboard SATA	Two SATA cables (each 1-drop to device), one SATA 6.0Gb/s connector and one SATA 3.0Gb/s connector on planar											
Media reader	Optional 11-in-1 media card reader											
Chipset	Intel B85 Express Chipset											
Rear ports	Four USB 2.0, ethernet (RJ-45), HDMI-out, HDMI-in											
Side ports	Two USB 3.0 (one Always On USB 3.0), one headphone / microphone combo jack (stereo, 3.5mm), one optional media card reader											
PCIe Mini Card	Two PCI Express® Mini Card slots											
PCIe WLAN	<i>Some:</i> 11b/g/n wireless, Intel Centrino® Wireless-N 2230, Wi-Fi + BT4.0 combo, 2x2 <i>Some:</i> 11b/g/n wireless, Intel Wireless-N 7260, Wi-Fi + Bluetooth combo, 2x2											
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter											
Ethernet	One gigabit ethernet port, Intel I217-V, Wake on LAN®											
Audio support	High Definition (HD) Audio, Realtek ALC283CG / two internal stereo speakers (3watt x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified											
Intel AMT	None											
Security chip	None											
Keyboard	<i>Some:</i> Lenovo® Slim New F5 USB Keyboard (USB connector), black <i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black											Security
Mouse	<i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black											<ul style="list-style-type: none"> • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement
Power supply	180 watts, autosensing, 92% PSU											
Color	Business black color											
VESA mount	Support VESA mount (100mm)											
Dimensions and weight (without stand)	<i>Non-touch models (WxDxH):</i> 21.02" X 1.91" X 15.20"; 534mm X 48.5mm X 386 mm 14.55 lb (6.6 kg) in maximum configuration <i>Touch models (WxDxH):</i> 21.02" X 1.95" X 15.20"; 534mm X 49.6mm X 386 mm 16.31 lb (7.4 kg) in maximum configuration											ENERGY STAR® 6.0-compliant EuP 2013
Stand	<i>Optional Frame Stand:</i> Adjustable between 10° and 65° (Tilt) <i>Optional Monitor Stand:</i> Adjustable between -5° and 45° (Tilt) <i>Optional UltraFlex Stand:</i> Tilt: 65° back, 0° forward; Lift: 110mm; Swivel: +/-90°; supports recline mode (from an upright position to an angled plane) and cable management											GREENGUARD® certified RoHS-compliant
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available											Supports ThinkVantage Technologies For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet

See footnotes for important warranty information

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The TopSeller™ services are designed to make selling the popular services with TopSeller systems faster and easier. Channel partners should always use TopSeller services with TopSeller systems. TopSeller services part numbers typically provide enhanced discounts and incentives for channel partners. The TopSeller service delivered to the customer is identical to the service delivered using a standard service part number. In situations where a desired service is not offered under a TopSeller service part number or the sale requires a special bid process, use available standard service part numbers.

TopSeller services should always be offered by channel business partners with TopSeller hardware, unless the sale requires special bid pricing or the desired service is not offered as a TopSeller service part.

For more information see:

<http://www2.partnerinfo.lenovo.com/partners/us/resources/salestoolkit.shtml>

<p><u>TopSeller service upgrade options for ThinkCentre M series</u></p> <p>ThinkCentre desktop with 1-year Onsite warranty <i>LOR = Lenovo Onsite Repair</i></p> <table border="0"> <tr> <td>3-year LOR 9x5 Next Business Day</td> <td>04W8710</td> </tr> <tr> <td>4-year LOR 9x5 Next Business Day</td> <td>04W8711</td> </tr> </table> <p>ThinkCentre desktop with 3-year Onsite warranty <i>LOR = Lenovo Onsite Repair</i></p> <table border="0"> <tr> <td>4-year LOR 9x5 Next Business Day</td> <td>04W8712</td> </tr> </table>	3-year LOR 9x5 Next Business Day	04W8710	4-year LOR 9x5 Next Business Day	04W8711	4-year LOR 9x5 Next Business Day	04W8712	<p>TopSeller Priority Support</p> <ul style="list-style-type: none"> • 24x7 support with priority routing and advanced level technicians <p>ThinkCentre desktop with 1-year Onsite warranty Add to 3-year warranty coverage - 3-year Priority Support* 04W8721 Add to 4-year warranty coverage - 4-year Priority Support* 04W8722</p> <p>ThinkCentre desktop with 3-year Onsite warranty Add to 3-year warranty coverage - 3-year Priority Support* 04W8721 Add to 4-year warranty coverage - 4-year Priority Support* 04W8722</p> <p>* Covered machine must have concurrent warranty coverage.</p>
3-year LOR 9x5 Next Business Day	04W8710						
4-year LOR 9x5 Next Business Day	04W8711						
4-year LOR 9x5 Next Business Day	04W8712						
<p><u>TopSeller service upgrade options for ThinkCentre A series and Edge series</u></p> <p>ThinkCentre desktop with 1-year Onsite warranty <i>LOR = Lenovo Onsite Repair</i></p> <table border="0"> <tr> <td>3-year LOR 9x5 Next Business Day</td> <td>04W8710</td> </tr> <tr> <td>4-year LOR 9x5 Next Business Day</td> <td>04W8711</td> </tr> </table> <p>ThinkCentre desktop with 3-year Onsite warranty</p> <table border="0"> <tr> <td>4-year LOR 9x5 Next Business Day</td> <td>04W8712</td> </tr> </table>	3-year LOR 9x5 Next Business Day	04W8710	4-year LOR 9x5 Next Business Day	04W8711	4-year LOR 9x5 Next Business Day	04W8712	
3-year LOR 9x5 Next Business Day	04W8710						
4-year LOR 9x5 Next Business Day	04W8711						
4-year LOR 9x5 Next Business Day	04W8712						

**Partial list of Lenovo Services⁷
for ThinkCentre desktops**

For more information see:

http://www.lenovo.com/services_warranty/us/en/index.html

<p><u>Lenovo service upgrade options for ThinkCentre M series</u></p> <p>ThinkCentre desktop with 1-year Onsite warranty Models with 7-digit MTM</p> <table> <tr> <td>2-year Onsite 9x5 Next Business Day</td> <td>41C9187</td> </tr> <tr> <td>3-year Onsite 9x5 Next Business Day</td> <td>41C9188</td> </tr> </table> <p>Models with 10-digit MTM</p> <table> <tr> <td>2-year Onsite 9x5 Next Business Day</td> <td>5WS0D80992</td> </tr> <tr> <td>3-year Onsite 9x5 Next Business Day</td> <td>5WS0D80967</td> </tr> </table> <p>ThinkCentre desktop with 3-year Onsite warranty Models with 7-digit MTM</p> <table> <tr> <td>4-year Onsite 9x5 Next Business Day</td> <td>41C9194</td> </tr> </table> <p>Models with 10-digit MTM</p> <table> <tr> <td>4-year Onsite 9x5 Next Business Day</td> <td>5WS0D81063</td> </tr> </table>	2-year Onsite 9x5 Next Business Day	41C9187	3-year Onsite 9x5 Next Business Day	41C9188	2-year Onsite 9x5 Next Business Day	5WS0D80992	3-year Onsite 9x5 Next Business Day	5WS0D80967	4-year Onsite 9x5 Next Business Day	41C9194	4-year Onsite 9x5 Next Business Day	5WS0D81063	<p><u>Lenovo service upgrade options for ThinkCentre A series and Edge series</u></p> <p>ThinkCentre desktop with 1-year Onsite warranty LOR = Lenovo Onsite Repair</p> <table> <tr> <td>2-year Onsite 9x5 Next Business Day</td> <td>45K5949</td> </tr> <tr> <td>3-year Onsite 9x5 Next Business Day</td> <td>45K5950</td> </tr> </table> <p>ThinkCentre desktop with 3-year Onsite warranty LOR = Lenovo Onsite Repair</p> <table> <tr> <td>4-year Onsite 9x5 Next Business Day</td> <td>45K5957</td> </tr> <tr> <td>5-year Onsite 9x5 Next Business Day</td> <td>45K5963</td> </tr> </table>	2-year Onsite 9x5 Next Business Day	45K5949	3-year Onsite 9x5 Next Business Day	45K5950	4-year Onsite 9x5 Next Business Day	45K5957	5-year Onsite 9x5 Next Business Day	45K5963
2-year Onsite 9x5 Next Business Day	41C9187																				
3-year Onsite 9x5 Next Business Day	41C9188																				
2-year Onsite 9x5 Next Business Day	5WS0D80992																				
3-year Onsite 9x5 Next Business Day	5WS0D80967																				
4-year Onsite 9x5 Next Business Day	41C9194																				
4-year Onsite 9x5 Next Business Day	5WS0D81063																				
2-year Onsite 9x5 Next Business Day	45K5949																				
3-year Onsite 9x5 Next Business Day	45K5950																				
4-year Onsite 9x5 Next Business Day	45K5957																				
5-year Onsite 9x5 Next Business Day	45K5963																				

<p><u>Lenovo Priority Support for enterprise customers</u></p> <ul style="list-style-type: none"> • 24x7 support with priority routing and advanced level technicians 	
<p>ThinkCentre desktop with 1-year Onsite warranty Add to 3-year warranty coverage - 3-year Priority Support*</p>	<p>45J9087</p>
<p>ThinkCentre desktop with 3-year Onsite warranty Add to 3-year warranty coverage - 3-year Priority Support* Add to 4-year warranty coverage - 4-year Priority Support* Add to 5-year warranty coverage - 5-year Priority Support*</p>	<p>45J9088 45J9089 45J9090</p>
<p>* Covered machine must have concurrent warranty coverage.</p>	

Disclaimer

Lenovo provides the information in the Product Specifications Reference (PSREF) withdrawn product books on an "AS-IS" basis. Because the actual products have been withdrawn from marketing, the information in these withdrawn product books is no longer maintained or updated. The referenced footnote numbering may not correspond with the listed footnotes.

PSREF books for the withdrawn systems:

http://www.lenovo.com/psref/psrefs_withdrawn.html

- Availability:** All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.
- Warranty:** For a copy of applicable product warranties, go to http://support.lenovo.com/en_US/product-service/warranty-status/WarrantyPolicies.page. Lenovo makes no representation or warranty regarding third party products or services.
- ¹ **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.
 - ² **Hard drive:** GB = billion bytes, TB = trillion bytes. Accessible capacity is less; up to 4GB is service partition.
 - ³ **Limited onsite service systems** are designed to be repaired during the applicable warranty period primarily with customer-replaceable parts provided by Lenovo. Lenovo will only send a technician onsite to perform a repair if (a) remote telephone diagnosis and/or customer part replacement are unable to resolve the problem, or (b) the part is one of the few designated by Lenovo for onsite replacement. For a list of onsite replaceable parts, contact Lenovo. Support unrelated to a warranty issue may be subject to additional charges. Lenovo onsite repair (LOR), 8 am to 5 pm, Monday through Friday coverage excluding holidays, next business day (NBD) response time.
 - ⁴ **CD and DVD list** maximum rates; rates are variable and are often less than the maximum.
 - ⁵ **Included software** may differ from its retail version (if available), and may not include user manuals or all program functionality. License agreements may apply.
 - ⁷ **Lenovo Services:** These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part will be express shipped to you for quick replacement. Onsite 24x7x2-hour service is not available in all locations. P&L means parts and labor. P/U means pick-up. See lenovo terms and conditions for complete details and restrictions.
 - ⁸ **Memory:** For PCs without a separate graphics card, memory supports both system and video. Accessible system memory may be up to 384MB less than the amount stated, depending on video mode.
 - ⁹ **International Warranty Service** is available in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.
 - ¹⁰ **Modem speeds:** Public network download speeds are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.
 - ¹¹ **For combination drives,** maximum speeds only are given in the following order: CD read, CD write, CD re-write, DVD read.
 - ¹² **The IEEE 802.11n specification (MIMO)** has been finalized and is currently in IEEE 802.11n-2009 release. The maximum speed depends on the access point device and the number of integrated antenna used for connection. An adapter with 11a/b, 11a/b/g, 11b/g/n, or 11a/b/g/n can communicate on any of its supported formats.
 - ¹³ **Wireless capability:** Requires compatible wireless-enabled options sold separately.
 - ¹⁴ **Response times may vary.** May exclude some holidays. Telephone support may be subject to additional charges.
 - ¹⁵ **Update Connector** is available at no charge to registered customers during the limited warranty period. Line charges may apply.
 - ¹⁶ **Embedded Security Subsystem** works with optional VPN software.

- ¹⁸ **Embedded Security Subsystem** may require download of client security software from the Web.
- ¹⁹ **Asset ID** allows system-specific information to be stored in a chip inside the system; it does not have any radio frequency support.
- ²⁰ **Operating System:** Level of support varies by operating system. Operating systems not preloaded on the system may not provide full feature functionality. Refer to lenovo.com/pc/support and enter your machine type and model number for more information.

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