

ThinkCentre M800z 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 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																		
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Mouse																			
	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																				
Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable						Mechanical	- Business black color - Toolless stand - Support VESA mount (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><tr><td></td><td>Dimensions (WxDxH)</td><td>Max weight (lb / kg)</td><td>Adjustments</td></tr><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></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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Optical	Some: DVD, SATA 1.5Gb/s, 9.5mm high Some: DVD burner, SATA 1.5Gb/s, 9.5mm high						Power supply	150 watts, autosensing, 85% PSU																		
Media reader	Optional 9-in-1 media card reader						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																		
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™; Max resolution: 4096x2304 (DP) @60Hz						Preload	Preloaded operating system 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 Preloaded applications (only some listed) - 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®																		
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	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						MIL-SPEC test	MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock)																		
Bluetooth™	Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter						Accessories	For compatible accessories, please go to TC-AQP sheet																		
Ethernet	Gigabit ethernet, Realtek RTL8111G, Wake on LAN®																									
Manageability	None																									
Security chip	Trusted Platform Module (TPM 1.2-compliant)																									
Security features	- 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