ThinkCentre M800z Platform Specifications

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor

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

Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable
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
Optical	*Some:* DVD, SATA 1.5Gb/s, 9.5mm high *Some:* 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™; *Max resolution:* 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
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
Bluetooth™	*Some:* 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	• 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

Keyboard Mouse	*Some:* Preferred Pro USB Keyboard (USB connector), Lenovo logo *Some:* Lenovo Slim USB Keyboard (USB connector), black *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
Mechanical	• Business black color • Toolless stand • Support VESA mount (100mm)

	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°

Power supply	150 watts, autosensing, 85% PSU
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*

Preload	**Preloaded operating system**	**Preloaded applications (only some listed)**
	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	• 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; ErP Lot 3; GREENGUARD® certified; RoHS-compliant
Accessories	For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information