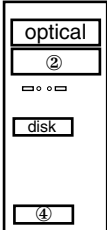


ThinkCentre M800 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Manageability	Intel Standard Manageability																																																						
	<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
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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) 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)																																																						
		Mouse	<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																																																						
Memory	64GB max, UDIMM, DDR4 2133, four 288-pin DIMM sockets, dual-channel capable	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) 																																																						
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																																																								
Power supply	250 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	<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																																																						
Chipset	Intel Q150 Chipset	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																																																						
Front ports	Two USB 3.0, two optional USB 2.0, microphone (3.5mm), headphone (3.5mm)		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 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	Environment	ENERGY STAR® 6.1*(Need 85% PSU and Windows OS); ErP Lot 3; GREENGUARD®; RoHS-compliant; TUV Green Mark																																																						
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)	Accessories	For compatible accessories, please go to TC-AQP sheet																																																						
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																																																								

See footnotes for more detailed information