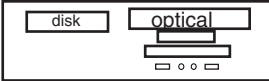


ThinkCentre M800 SFF Platform Specifications

Product Specifications Reference (PSREF)

| | | | | | | | |
|-------------------------------|--|-----------------|---|-----------|--------------|---------------------|--|
| Processor | Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor | | | | | | Manageability Intel Standard Manageability 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> 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 | | | | | | |
| Media reader | Optional 9-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 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"> • 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)  | | | | | | |
| 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 <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 <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® | | | | |
| 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