

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

| Model                    | 10FY0013US                    |
|--------------------------|-------------------------------|
| Product                  | M800 SFF                      |
| Region                   | US                            |
| Machine Type             | 10FY                          |
| TopSeller                | TopSeller                     |
| Processor                | i5-6400                       |
| Memory                   | 4GBx1                         |
| Storage                  | 500GB 7200 rpm 3.5            |
| Optical                  | DVD±RW                        |
| Optional 2.5" Bay        | 2.5" Bay                      |
| WLAN                     | None                          |
| Media Reader             | None                          |
| Graphics                 | Intel HD 530                  |
| DP Dongle                | None                          |
| Additional Front USB 2.0 | None                          |
| Additional Rear USB 2.0  | None                          |
| 2nd Serial Port          | None                          |
| Parallel Port            | None                          |
| eSATA Port               | None                          |
| PS/2 Ports               | None                          |
| Chassis Intrusion Switch | None                          |
| Floor Stand              | Stand                         |
| PCI Slot                 | None                          |
| Dust Filter              | None                          |
| Intel vPro               | No                            |
| Keyboard/Mouse           | USB                           |
| Global(G)                | No                            |
| Preload                  | Windows 7 Pro64 DG Windows 10 |
| Warranty                 | 3-year, onsite                |
| Ann Date (mm/yy)         | 12/15                         |

