

# ThinkCentre M800z Platform Specifications

Product Specifications Reference (PSREF)

|                    |  |                 |                         |       |              |                     |                               |  |  |  |
|--------------------|--|-----------------|-------------------------|-------|--------------|---------------------|-------------------------------|--|--|--|
| Processor          | Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor  |                 |                         |       |              |                     | Keyboard                      | Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo<br>Some: Lenovo Slim USB Keyboard (USB connector), black<br>Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black<br>Some: Enhanced Optical USB Mouse, black, Lenovo logo<br>Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black  |  |  |
|                    | Processor  | Cores / Threads | Frequency Base/Max(GHz) | Cache | Memory Types | Integrated Graphics | Mouse                         |  |  |  |
|                    | Pentium G4400  | 2 / 2           | 3.3G                    | 3 MB  | DDR4-2133    | HD 510              | Mechanical                    | ● Business black color<br>● Toolless stand<br>● Support VESA mount (100mm)   |  |  |
|                    | 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             | 32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable   |                 |                         |       |              |                     |                               |  |  |  |
| Disk               | Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm<br>Some: Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm<br>Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide  |                 |                         |       |              |                     |                               |  |  |  |
| Optical            | Some: DVD, SATA 1.5Gb/s, 9.5mm high<br>Some: DVD burner, SATA 1.5Gb/s, 9.5mm high  |                 |                         |       |              |                     |                               |  |  |  |
| Media reader       | Optional 9-in-1 media card reader  |                 |                         |       |              |                     |                               |  |  |  |
| Graphics           | Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™;<br>Max resolution: 4096x2304 (DP)@60Hz   |                 |                         |       |              |                     |                               |  |  |  |
| Display            | 21.5" (546.1mm) Full HD 1080p (1920x1080) TFT color, MVA panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare for both touch models and non-touch models   |                 |                         |       |              |                     |                               |  |  |  |
| Light sensor       | None   |                 |                         |       |              |                     |                               |  |  |  |
| Multi-touch        | Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch  |                 |                         |       |              |                     |                               |  |  |  |
| Camera             | Optional 1.0-megapixel camera, fixed focus, supports 720p, with digital microphone, LED indicator, physical switch on/off  |                 |                         |       |              |                     |                               |  |  |  |
| Controls           | Microphone mute, brightness up/down buttons, and power button  |                 |                         |       |              |                     |                               |  |  |  |
| Chipset            | Intel H110 Chipset   |                 |                         |       |              |                     |                               |  |  |  |
| Rear ports         | Four USB 2.0, ethernet (RJ-45), DisplayPort, optional serial (9-pin),  |                 |                         |       |              |                     |                               |  |  |  |
| Side ports         | Two USB 3.0 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)  |                 |                         |       |              |                     |                               |  |  |  |
| M.2 card slot      | One M.2 Card slot (for WLAN)   |                 |                         |       |              |                     |                               |  |  |  |
| Audio support      | High Definition (HD) Audio, Realtek ALC233 / two internal stereo speakers (2W x 2), Dolby® Audio™ certified  |                 |                         |       |              |                     |                               |  |  |  |
| WLAN <sup>13</sup> | Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1<br>Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2<br>Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1<br>Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 |                 |                         |       |              |                     |                               |  |  |  |
| Bluetooth™         | Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter   |                 |                         |       |              |                     |                               |  |  |  |
| Ethernet           | Gigabit ethernet, Realtek RTL8111G, Wake on LAN®   |                 |                         |       |              |                     |                               |  |  |  |
| Manageability      | None   |                 |                         |       |              |                     |                               |  |  |  |
| Security chip      | Trusted Platform Module (TPM 1.2-compliant)  |                 |                         |       |              |                     |                               |  |  |  |
| Security features  | ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis)<br>● Smart USB protection, allows keyboard/ mouse only, blocks all storage devices  |                 |                         |       |              |                     |                               | ● Power-on, admin, hard disk password<br>● Boot sequence control<br>● Boot without keyboard and mouse<br>● Individual USB port disablement<br>● Optional Chassis intrusion switch  |  |  |
|                    |  |                 |                         |       |              |                     | Power supply                  | 150 watts, autosensing, 85% PSU  |  |  |
|                    |  |                 |                         |       |              |                     | Limited warranty <sup>3</sup> | Some: 1-year or 3-year, depot repair service<br>Some: 1-year or 3-year, limited onsite service<br>Some: 3-years, limited onsite service, OID (Onsite International Delivery) / For Lenovo service upgrade options, please go to S-TC sheet   |  |  |
|                    |  |                 |                         |       |              |                     | Preload                       | Preloaded operating system<br>Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit<br>Some: Windows 7 Professional 64<br>Some: Windows 10 Pro 64-bit<br>Some: Windows 10 Home 64-bit<br>Preloaded applications (only some listed)<br>● Desktop Power Manager<br>● Lenovo Solution Center<br>● Lenovo REACHit<br>● Lenovo SHAREit<br>● Lenovo Bluetooth Lock (for models with Wi-Fi/BT card)<br>● McAfee® LiveSafe™ (30-day trial)<br>● Microsoft Office preloaded; purchase a product key to activate<br>● PowerDVD Create (DVD±RW)<br>● Lenovo ThinkVantage Tools - Only for Window 10<br>● Lenovo Companion<br>● Cyberlink PowerDVD (DVD, DVD±RW)<br>● Lenovo QuickOptimizer - Only for Window 7<br>● Rescue and Recovery<br>● Password Manager<br>● ThinkVantage System Update<br>● Lenovo Message Center Plus<br>● Adobe® Reader® |  |  |
|                    |  |                 |                         |       |              |                     | Environment                   | EPEAT™ Gold rating; ENERGY STAR® 6.1; TCO Certified; ErP Lot 3; GREENGUARD® certified; RoHS-compliant  |  |  |
|                    |  |                 |                         |       |              |                     | Accessories                   | For compatible accessories, please go to TC-AQP sheet  |  |  |

See footnotes for more detailed information