# ThinkCentre M800z Platform Specifications



**Processor**

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

| Processor | Cores / Threads | Frequency Base/Max(GHz) | Cache | Memory Types | Integrated Graphics |
|---|---|---|---|---|---|
| Celeron G3900 | 2 / 2 | 2.8 G | 2 MB | DDR4-2133 | HD 510 |
| Pentium G4400 | 2 / 2 | 3.3 G | 3 MB | DDR4-2133 | HD 510 |
| Pentium G4500 | 2 / 2 | 3.5 G | 3 MB | DDR4-2133 | HD 530 |
| Core i3-6100 | 2 / 4 | 3.7 G | 3 MB | DDR4-2133 | HD 530 |
| Core i3-6300 | 2 / 4 | 3.8 G | 4 MB | DDR4-2133 | HD 530 |
| Core i5-6400 | 4 / 4 | 2.7 G / 3.3 G | 6 MB | DDR4-2133 | HD 530 |
| Core i5-6500 | 4 / 4 | 3.2 G / 3.6 G | 6 MB | DDR4-2133 | HD 530 |
| Core i5-6600 | 4 / 4 | 3.3 G / 3.9 G | 6 MB | DDR4-2133 | HD 530 |
| Core i7-6700 | 4 / 8 | 3.4 G / 4.0 G | 8 MB | DDR4-2133 | HD 530 |

**Memory**

32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable

**Disk**

*Some:* SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm
*Some:* Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm
*Some:* Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide

**Optical**

*Some:* DVD, SATA 1.5Gb/s, 9.5mm high
*Some:* DVD burner, SATA 1.5Gb/s, 9.5mm high

**Media reader**

Optional 9-in-1 media card reader

**Graphics**

**Intel HD Graphics 510/530** in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™;
*Max resolution:* 4096x2304 (DP)@60Hz

**Display**

**21.5"** (546.1mm) **Full HD 1080p (1920x1080) TFT color**, MVA panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare for both touch models and non-touch models

**Light sensor**

None

**Multi-touch**

Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch

**Camera**

Optional 1.0-megapixel camera, fixed focus, supports 720p, with digital microphone, LED indicator, physical switch on/off

**Controls**

Microphone mute, brightness up/down buttons, and power button

**Chipset**

**Intel H110 Chipset**

**Rear ports**

Four USB 2.0, ethernet (RJ-45), DisplayPort, optional serial (9-pin),

**Side ports**

Two USB 3.0 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)

**M.2 card slot**

One M.2 Card slot (for WLAN)

**Audio support**

High Definition (HD) Audio, Realtek ALC233 / two internal stereo speakers (2W x 2), Dolby® Audio™ certified

**WLAN**[13]

*Some:* 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
*Some:* 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
*Some:* 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
*Some:* 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2

**Bluetooth™**

*Some:* Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

**Ethernet**

Gigabit ethernet, Realtek RTL8111G, Wake on LAN®

**Manageability**

None

**Security chip**

Trusted Platform Module (TPM 1.2-compliant)

**Security features**

- Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis)
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Power-on, admin, hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional Chassis intrusion switch

**Keyboard**

*Some:* Preferred Pro USB Keyboard (USB connector), Lenovo logo
Some: Lenovo Slim USB Keyboard (USB connector), black
*Some:* Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

**Mouse**

*Some:* Enhanced Optical USB Mouse, black, Lenovo logo
*Some:* Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

**Mechanical**

- Business black color
- Toolless stand
- Support VESA mount (100mm)

| | Dimensions (WxDxH) | Max weight (lb / kg) | Adjustments |
|---|---|---|---|
| Without stand: | 21.1 X 1.8 X 14.3 (inch); 535 X 45 X 363 (mm) | (Touch) 14.6 / 6.6 (Non-touch) 12.8 / 5.8 | N/A |
| With Basic Monitor stand: | 21.1 X 9.6 X 17.0 (inch); 535 X 245 X 431 (mm) | (Non-touch) 17.0 / 7.7 | Tilt: 45° back, -5° forward |
| With UltraFlex II stand: | 21.1X 10.0 X 19.3 (inch); 535 X 253 X 489 (mm) | (Touch) 20.3 / 9.2 (Non-touch) 18.3 / 8.3 | Tilt: 61° back, -5° forward; Lift: 160mm; Swivel: +/-45° |

**Power supply**

150 watts, autosensing, 85% PSU

**Limited warranty**[3]

*Some:* **1-year or 3-year, depot repair service**
*Some:* **1-year** or **3-year**, **limited onsite service**
*Some:* **3-years**, **limited onsite service, OID** (Onsite International Delivery) /
*For Lenovo service upgrade options, please go to S-TC sheet*

**Preload**

**Preloaded operating system**

*Some:* Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
*Some:* Windows 7 Professional 64
*Some:* Windows 10 Pro 64-bit
*Some:* Windows 10 Home 64-bit

**Preloaded applications (only some listed)**

- Desktop Power Manager
- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Bluetooth Lock (for models with Wi-Fi/BT card)
- McAfee® LiveSafe™ (30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- PowerDVD Create (DVD±RW)
- Lenovo ThinkVantage Tools

- Only for Window 10

- Lenovo Companion
- Cyberlink PowerDVD (DVD, DVD±RW)
- Lenovo QuickOptimizer

- Only for Window 7

- Rescue and Recovery
- Password Manager
- ThinkVantage System Update
- Lenovo Message Center Plus
- Adobe® Reader®

**Environment**

EPEAT™ Gold rating; ENERGY STAR® 6.1; TCO Certified; ErP Lot 3; GREENGUARD® certified; RoHS-compliant

**MIL-SPEC test**

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock)

**Accessories**

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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| Model | 10EU0047++ |
| --- | --- |
| Product | ThinkCentre M800z |
| Region | EMEA |
| Machine Type | 10EU |
| TopSeller | TopSeller |
| Processor | Core i5-6400 (4C, 2.7 / 3.3GHz, 6MB) |
| vPro | No |
| Graphics | Integrated Intel HD Graphics 530 |
| Monitor Cable | None |
| Memory | 8GBx1 |
| Display | 21.5" FHD (1920x1080) WVA Anti-glare |
| Multi-touch | None |
| Storage | 256GB SSD |
| Optical | DVD±RW |
| Media Reader | 9-in-1 |
| WLAN + Bluetooth | Intel 8260 ac, 2x2 + BT4.1 |
| Optional Rear Ports | None |
| Camera | 720p |
| Chassis Intrusion Switch | Chassis Intrusion Switch |
| Keyboard / Mouse | 2.4G / 2.4G |
| Stand | UltraFlex II Stand |
| Power Supply | 150W 85% Adapter |
| Operating System | Windows 10 DG Windows 7 Pro 64 |
| Warranty | 3-year, Onsite |
| Global | No |
| Ann Date (mm/yy) | 10/16 |












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