# ThinkCentre M710 SFF Platform Specifications



**Processor**

Intel® Celeron®, Intel Pentium®, or 6/7th Generation Intel Core™ i3 / i5 / i7 Processor

| Processor | Cores / Threads | Frequency Base/Max(GHz) | Cache | Memory Support (Up to) | Integrated Graphics |
|---|---|---|---|---|---|
| Pentium G4400 | 2 / 2 | 3.3G | 3 MB | DDR4-2133 | HD 510 |
| Pentium G4560 | 2 / 4 | 3.5G | 3 MB | DDR4-2400 | HD 610 |
| Pentium G4600 | 2 / 4 | 3.6G | 3 MB | DDR4-2400 | HD 630 |
| Core i3-6100 | 2 / 4 | 3.7G | 3 MB | DDR4-2133 | HD 530 |
| Core i5-6500 | 4 / 4 | 3.2G / 3.6G | 6 MB | DDR4-2133 | HD 530 |
| Core i7-6700 | 4 / 8 | 3.4G / 4.0G | 8 MB | DDR4-2133 | HD 530 |
| Core i3-7100 | 2 / 4 | 3.9G | 3 MB | DDR4-2400 | HD 630 |
| Core i5-7400 | 4 / 4 | 3.0G / 3.5G | 6 MB | DDR4-2400 | HD 630 |
| Core i5-7500 | 4 / 4 | 3.4G / 3.8G | 6 MB | DDR4-2400 | HD 630 |
| Core i5-7600 | 4 / 4 | 3.5G / 4.1G | 6 MB | DDR4-2400 | HD 630 |
| Core i7-7700 | 4 / 8 | 3.6G / 4.2G | 8 MB | DDR4-2400 | HD 630 |

**Memory**

64GB max, UDIMM, DDR4-2400, four 288-pin DIMM sockets, non-ECC, dual-channel capable*
* System automatically clocks down for the processors with lower memory controller

**Storage**

*Some:* Hard Drive / SATA 6.0Gb/s, 2.5" or 3.5", 5400 rpm or 7200 rpm
*Some:* Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
*Some:* M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
*Some:* Intel Optane™ Memory Ready (models with 7th gen Core processor), M.2

**Optical**

*Some:* DVD-ROM SATA 1.5Gb/s Drive, slim (9.0mm)
*Some:* DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)

**Onboard SATA**

Three onboard SATA 6.0Gb/s connectors

**Media reader**

Optional 7-in-1 media reader

**Graphics**

**Intel HD Graphics 510/530/610/630** in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™, supports 3 independent displays, works along with discrete graphics to support more displays;
*Max resolution:* 4096x2304 (DP)@60Hz; 2048x1536 (VGA)@50Hz
*Some:* **NVIDIA Geforce® GT 730**, DirectX 12, 2GB, PCIe 2.0 x8 adapter, two DisplayPort, 35 watts;
*Max resolution:* 3840x2160 (DisplayPort)@60Hz;

**Monitor cable**

Optional DP to VGA, DP to DVI-D (single link), DP to dual DP, or DP to HDMI 1.4

**Chipset**

**Intel B250 Chipset**

**Front ports**

Four USB 3.1 Gen1, optional two USB 3.1 Type-C Gen 2 (only available via special bid), microphone (3.5mm), headphone (3.5mm)

**Rear ports**

Two USB 3.1 Gen1, two USB 2.0, optional two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), one VGA, two DisplayPort, two PS/2 ports (keyboard/mouse);
additional DisplayPort on optional graphics on some models

**Rear audio ports**

Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)

**IEEE 1394**

None

**Audio support**

High Definition (HD) Audio, Realtek ALC662 / optional internal speaker (1.5 watt )

**WLAN**[13]

*Some:* 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
*Some:* 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (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 4.1 combo adapter, 1x1
*Some:* 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2

**Bluetooth™**

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

**Ethernet**

Gigabit ethernet, Realtek RTL8111GN, Wake on LAN®

**Modem**

None

**Manageability**

None

**Security chip**

TPM (Trusted Platform Module) 2.0, TCG Certified
* Downgrade to TPM1.2 for the models with Win10 DG Win7 32 OS

**Security features**

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices
- Optional cable lock to physically lock both keyboard and mouse
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Optional chassis intrusion switch

**Keyboard**

*Some:* Lenovo Calliope Keyboard (USB connector), black
*Some:* Lenovo Traditional Keyboard (USB connector), black
*Some:* Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black

**Mouse**

*Some:* Lenovo Calliope Mouse (USB connector), black
*Some:* Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black

**Mechanical**

- SFF (8.4L), black color; metal case
- *(WxDxH)* 3.6" X 11.4" X 13.5"; 92.5mm X 290.5mm X 343.5mm
- Approx. 13.2 lb (6.0 kg), weight may vary by configuration
- Toolless cover, disk, optical removal
- Optional dust filter

Bay 1: Slim external ODD bay
Bay 2: 3.5", 1" high, internal, HDD/SSD
Bay 3: 2.5", internal, HDD/SSD (optional bay)
Slot 1: Low Profile, PCIe 3.0 x16*
Slot 2: Low Profile, PCIe 2.0 x1*
Slot 3: Low Profile, PCIe 2.0 x1*
Slot 4: no slot, only bracket for optional port extension*
M.2 card slots: Two (one for WLAN, one for SSD/Optane)
* Optional front USB3.1 Type-C x2 module occupies PCIe x16 slot (x4 card), optional rear 2x USB2.0 / parallel / 2nd serial occupies one expansion slot

**Floor Stand**

Optional system floor stand for vertical orientation

**Power supply**

*Some:* 180 watts, autosensing, 85% PSU
*Some:* 210 watts, autosensing, 85% PSU
*Some:* 210 watts, autosensing, 92% PSU (only available via special bid)

**Limited warranty**[3]

*Some:* **1-year** or **3-year**, **depot service** / service upgrades available
*Some:* **1-year** or **3-year**, **limited onsite service** / service upgrades available

**Preload**

**Preloaded operating system**
*Some:* Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
*Some:* Windows 10 Pro 64-bit
*Some:* Windows 10 Home 64-bit

**Preloaded applications (only some listed)**

- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD Create (DVD±RW)

- Only for Window 10
- Lenovo Companion
- Lenovo ID
- Cyberlink PowerDVD (DVD, DVD±RW)

- Only for Window 7
- Lenovo Solution Center
- Lenovo ThinkVantage Tools
- Create Recovery Media
- Adobe® Reader®

**Environment**

ENERGY STAR® 6.1, EPEAT™ Gold rating (North America), ErP Lot 3, GREENGUARD®, RoHS-compliant, TUV low noise verified (on some models)

**Accessories**

For compatible accessories, please go to **http://www.lenovoquickpick.com**

See footnotes for more detailed information

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| Model | 10M7005M++ |
| --- | --- |
| Product | ThinkCentre M710s SFF |
| Region | EMEA |
| Machine Type | 10M7 |
| TopSeller | TopSeller |
| Processor | Core i7-7700 (4C, 3.6 / 4.2GHz, 8MB) |
| vPro | No |
| Graphics | Integrated Intel HD Graphics 630 |
| Monitor Cable | None |
| Memory | 8GBx1 |
| Storage | 1TB 7200rpm 3.5" |
| Optical | DVD±RW |
| Optional 2nd 2.5" Bay | None |
| Media Reader | 7-in-1 |
| WLAN + Bluetooth | Intel 3165 ac, 1x1 + BT4.0 |
| Optional Front Ports | None |
| Optional Rear Ports | 2 Rear USB 2.0 + Parallel |
| Chassis Intrusion Switch | Chassis Intrusion Switch |
| Cable Lock | None |
| Speaker | 1.5Wx1 |
| Dust Filter | None |
| Keyboard / Mouse | USB / USB |
| Stand | None |
| Power Supply | 180W 85% |
| Operating System | Windows 10 Pro 64 |
| Warranty | 3-year, Onsite |
| Global | No |
| Ann Date (mm/yy) | 04/17 |












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