ThinkCentre M910z Platform Specifications

**Processor**

<table>
<thead>
<tr>
<th>Processor</th>
<th>Cores / Threads</th>
<th>Frequency Base/Max(GHz)</th>
<th>Cache</th>
<th>Memory Support (Up to)</th>
<th>Integrated Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intel® Celeron®, Intel Pentium®, or 6th / 7th Gen Intel Core™ i3 / i5 / i7 Processor</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Core i3-6100</td>
<td>2 / 4</td>
<td>3.7G</td>
<td>3 MB</td>
<td>DDR4-2133</td>
<td>HD 530</td>
</tr>
<tr>
<td>Core i5-6500</td>
<td>4 / 4</td>
<td>3.2G / 3.6G</td>
<td>6 MB</td>
<td>DDR4-2133</td>
<td>HD 530</td>
</tr>
<tr>
<td>Core i7-6700</td>
<td>4 / 8</td>
<td>3.4G / 4.0G</td>
<td>8 MB</td>
<td>DDR4-2133</td>
<td>HD 530</td>
</tr>
<tr>
<td>Core i3-7100</td>
<td>2 / 4</td>
<td>3.9G</td>
<td>3 MB</td>
<td>DDR4-2400</td>
<td>HD 630</td>
</tr>
<tr>
<td>Core i5-7400</td>
<td>4 / 4</td>
<td>3.6G / 3.5G</td>
<td>6 MB</td>
<td>DDR4-2400</td>
<td>HD 630</td>
</tr>
<tr>
<td>Core i5-7500</td>
<td>4 / 4</td>
<td>3.4G / 3.6G</td>
<td>6 MB</td>
<td>DDR4-2400</td>
<td>HD 630</td>
</tr>
<tr>
<td>Core i7-7600</td>
<td>4 / 4</td>
<td>3.5G / 4.1G</td>
<td>8 MB</td>
<td>DDR4-2400</td>
<td>HD 630</td>
</tr>
<tr>
<td>Core i7-7700</td>
<td>4 / 8</td>
<td>3.6G / 4.2G</td>
<td>8 MB</td>
<td>DDR4-2400</td>
<td>HD 630</td>
</tr>
</tbody>
</table>

**Memory**

- 32GB max, DDR4-2400*, two 260-pin SO-DIMM sockets, dual-channel capable
- * System clocks down for the processors with lower memory controller

**Storage**

- Some: Hard Drive / SATA 6.0Gb/s, 2.5", 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 (models with 7th gen Core processor), M.2
- Some: DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.5mm)

**Optical**

- Some: Intel HD Graphics 530/630 in processor, uses main memory, DirectX 12, external monitor support via DisplayPort™
- Max resolution: 4096x2304 (DP)@60Hz, 1920x1080 (Panel)@60Hz

**Graphics**

- Intel HD Graphics 530/630 in processor, uses main memory, DirectX 12, external monitor support via DisplayPort™
- Max resolution: 4096x2304 (DP)@60Hz, 1920x1080 (Panel)@60Hz

**Display**

- 23.8" (604.5mm) Full HD 1080p (1920x1080) TFT color, WVA panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, support Low Blue Light Mode, work as standalone monitor via DisplayPort (DP in / out combo)
- Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch

**Multi-touch Camera**

- Optional 1080p camera, fixed focus, with dual microphone, LED indicator, physical switch on/off

**Controls**

- Physical buttons for Microphone mute, monitor mode switch, brightness up/down, and power on/off

**Chipset**

- Intel® Q270

**Rear ports**

- Four USB 3.1 Gen1, ethernet (RJ-45), DisplayPort in/out combo port, optional serial (9-pin)

**Side ports**

- Two USB 3.1 Gen1 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm), optional USB 3.1 Type-C Gen1

**M.2 card slot**

- Two M.2 Card slots (one for WLAN, one for SSD/Optane)

**Audio support**

- High Definition (HD) Audio, Realtek ALC233 / two internal speakers (3W x 2), Dolby® Audio™ certified

**WLAN™**

- 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
- Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.1 combo adapter, 4x4

**Bluetooth™ Ethernet**

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

**Manageability**

- Intel Active Management Technology 11.0 (Intel AMT 11.0); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)

**Security chip**

- TPM (Trusted Platform Module) 2.0, TCG Certified

**Security features**

- * Downgrade to TPM 1.2 for the models with Win10 DG Win7 32 OS
- • 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
- • Optional cable lock to physically lock keyboard and mouse
- • Power-on, admin, 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

**Mouse**

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

**Mechanical**

- • Business black color
- • Touchless back cover, stand, disk, memory removal
- • Support VESA mount (100mm)

**Power supply**

- 150 watts, autosensing, 85% PSU

**Limited warranty**

- Some: 1-year or 3-year, depot repair 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

**Environment**

- EPEAT® Gold rating (North America); ENERGY STAR® 6.1; TCO AIO Computer Certified; ULE Gold; EPE Lot 3; GREENGUARD® certified; RoHS-compliant

**MIL-SPEC tests**

- 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 [http://www.lenovooquickpick.com](http://www.lenovooquickpick.com)