

# ThinkCentre M910z AIO 10NS000D++

**Region**  
EMEA

**Machine Type**  
10NS

**TopSeller**  
TopSeller

**Processor**  
Core i5-7500 (4C, 3.4 / 3.8GHz, 6MB)

**vPro**  
vPro

**Graphics**  
Integrated Intel HD Graphics 630

**Monitor Cable**  
None

**Memory**  
8GBx1

**Display**  
23.8" FHD (1920x1080) WVA Anti-glare

**Multi-touch**  
None

**Power Supply**  
150W 85% Adapter

**Storage**  
256GB SSD M.2 PCIe NVMe Opal

**Optical**  
DVD±RW

**Media Reader**  
9-in-1

**USB Type-C**  
None

**WLAN + Bluetooth**  
Intel 8265 ac, 2x2, vPro + BT4.1

**Optional Rear Ports**  
None

**Camera**  
1080p

**Chassis Intrusion Switch**  
Chassis Intrusion Switch

**Cable Lock**  
None

**Keyboard / Mouse**  
USB / USB

**Stand**  
UltraFlex II Stand

**Operating System**  
Windows 10 Pro 64

**Warranty**  
3-year, Onsite

**Global**  
No

**End of Support**  
Mar 28, 2023

**Ann Date (mm/yy)**  
02/17

#### Note:

Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "\*\*\*" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries



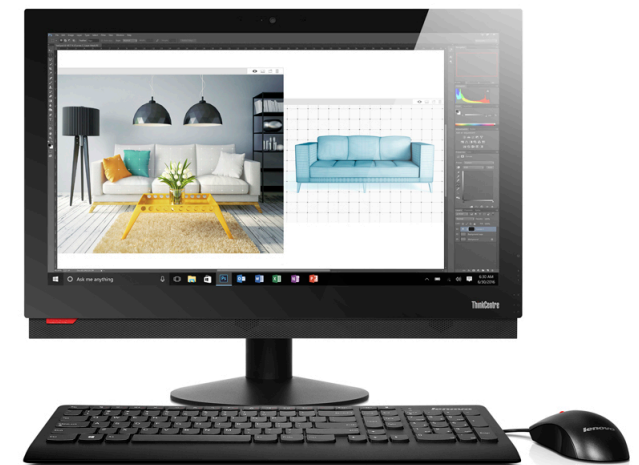
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# ThinkCentre M910z Platform Specifications

Product Specifications Reference (PSREF)



| Processor                     | Intel® Celeron®, Intel Pentium®, or 6th / 7th Gen Intel Core™ i3 / i5 / i7 Processor   |   |   |           |                        |                     | Security chip<br>TPM (Trusted Platform Module) 2.0, TCG Certified<br>* Downgrade to TPM1.2 for the models with Win10 DG Win7 32 OS  |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
|-------------------------------|--|---|---|-----------|------------------------|---------------------|---|--------------------|----------------------|-------------|----------------|--|--|-----|---------------------------|---|------------------------|--------------------------------|--------------------------|---|---|---|
|                               | Processor  | Cores / Threads                               | Frequency Base/Max(GHz)   | Cache     | Memory Support (Up to) | Integrated Graphics |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
|                               | 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 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                        | 32GB max, DDR4-2400*, two 260-pin SO-DIMM sockets, dual-channel capable<br>* System clocks down for the processors with lower memory controller  |   |   |           |                        |                     | Security features<br><ul style="list-style-type: none"> <li>Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis)</li> <li>Smart USB protection, allows keyboard/mouse only, blocks all storage devices</li> <li>Optional cable lock to physically lock keyboard and mouse</li> <li>Power-on, admin, 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> |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
| Storage                       | <i>Some:</i> Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm<br><i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"<br><i>Some:</i> M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s<br><i>Some:</i> Intel Optane™ Memory Ready (models with 7th gen Core processor), M.2<br><i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive, slim (9.5mm)<br><i>Some:</i> DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.5mm)<br>Optional 9-in-1 media card reader   |   |   |           |                        |                     |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
| Optical                       |  |   |   |           |                        |                     |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
| Media reader                  |  |   |   |           |                        |                     |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
| Graphics                      | Intel HD Graphics 510/530/610/630 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™;  |   |   |           |                        |                     |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
| Display                       | <i>Max resolution:</i> 4096x2304 (DP) @60Hz, 1920x1080 (Panel) @60Hz<br><b>23.8"</b> (604.5mm) <b>Full HD 1080p (1920x1080) TFT color</b> , 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)  |   |   |           |                        |                     |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
| Multi-touch Camera            | Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch<br>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 Chipset   |   |   |           |                        |                     |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
| 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 <sup>13</sup>            | <i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1<br><i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (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 4.1 combo adapter, 1x1<br><i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2<br><i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.1 combo adapter, Intel vPro technology support, 2x2  |   |   |           |                        |                     |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
| Bluetooth™ Ethernet           | <i>Some:</i> Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®  |   |   |           |                        |                     |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
| 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)   |   |   |           |                        |                     |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
| Keyboard                      | <i>Some:</i> Lenovo Calliope Keyboard (USB connector), black<br><i>Some:</i> Lenovo Traditional Keyboard (USB connector), black<br><i>Some:</i> Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black   |   |   |           |                        |                     |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
| Mouse                         | <i>Some:</i> Lenovo Calliope Mouse (USB connector), black<br><i>Some:</i> Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black  |   |   |           |                        |                     |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
| Mechanical                    | <ul style="list-style-type: none"> <li>Business black color</li> <li>Toolless back cover, stand, disk, memory removal</li> <li>Support VESA mount (100mm)</li> </ul> <table border="1"> <thead> <tr> <th></th> <th>Dimensions (WxDxH)</th> <th>Max weight (lb / kg)</th> <th>Adjustments</th> </tr> </thead> <tbody> <tr> <td>Without stand:</td> <td>23.0 X 1.8 X 15.4 (inch);<br/>584 X 45 X 390 (mm)</td> <td>(Touch) 17.2 / 7.8<br/>(Non-touch) 15.0 / 6.8</td> <td>N/A</td> </tr> <tr> <td>With Basic Monitor stand:</td> <td>23.0 X 9.6 X 18.0 (inch);<br/>584 X 245 X 458 (mm)</td> <td>(Non-touch) 19.4 / 8.8</td> <td>Tilt: 45° back,<br/>-5° forward</td> </tr> <tr> <td>With UltraFlex II stand:</td> <td>23.0X 10.0 X 19.9 (inch);<br/>584 X 253 X 505 (mm)</td> <td>(Touch) 22.7 / 10.3<br/>(Non-touch) 20.7 / 9.4</td> <td>Tilt: 61° back,<br/>-5° forward;<br/>Lift: 110mm;<br/>Swivel: +/-45°</td> </tr> </tbody> </table> |   |   |           |                        |                     |   | Dimensions (WxDxH) | Max weight (lb / kg) | Adjustments | Without stand: | 23.0 X 1.8 X 15.4 (inch);<br>584 X 45 X 390 (mm) | (Touch) 17.2 / 7.8<br>(Non-touch) 15.0 / 6.8 | N/A | With Basic Monitor stand: | 23.0 X 9.6 X 18.0 (inch);<br>584 X 245 X 458 (mm) | (Non-touch) 19.4 / 8.8 | Tilt: 45° back,<br>-5° forward | With UltraFlex II stand: | 23.0X 10.0 X 19.9 (inch);<br>584 X 253 X 505 (mm) | (Touch) 22.7 / 10.3<br>(Non-touch) 20.7 / 9.4 | Tilt: 61° back,<br>-5° forward;<br>Lift: 110mm;<br>Swivel: +/-45° |
|                               | Dimensions (WxDxH)   | Max weight (lb / kg)                          | Adjustments   |           |                        |                     |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
| Without stand:                | 23.0 X 1.8 X 15.4 (inch);<br>584 X 45 X 390 (mm)   | (Touch) 17.2 / 7.8<br>(Non-touch) 15.0 / 6.8  | N/A   |           |                        |                     |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
| With Basic Monitor stand:     | 23.0 X 9.6 X 18.0 (inch);<br>584 X 245 X 458 (mm)  | (Non-touch) 19.4 / 8.8                        | Tilt: 45° back,<br>-5° forward                                    |           |                        |                     |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
| With UltraFlex II stand:      | 23.0X 10.0 X 19.9 (inch);<br>584 X 253 X 505 (mm)  | (Touch) 22.7 / 10.3<br>(Non-touch) 20.7 / 9.4 | Tilt: 61° back,<br>-5° forward;<br>Lift: 110mm;<br>Swivel: +/-45° |           |                        |                     |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
| Power supply                  | 150 watts, autosensing, 85% PSU  |   |   |           |                        |                     |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
| Limited warranty <sup>3</sup> | <i>Some:</i> <b>1-year or 3-year, depot repair service</b> / service upgrades available<br><i>Some:</i> <b>1-year or 3-year, limited onsite service</b> / service upgrades available   |   |   |           |                        |                     |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
| Preload                       | <b>Preloaded operating system</b><br><i>Some:</i> Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit<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><br><ul style="list-style-type: none"> <li>Microsoft Office preloaded; purchase a product key to activate</li> <li>Cyberlink PowerDVD Create (DVD±RW)</li> <li>- Only for Window 10</li> <li>Lenovo Companion</li> <li>Lenovo ID</li> <li>Lenovo Settings</li> <li>Cyberlink PowerDVD (DVD, DVD±RW)</li> <li>- Only for Window 7</li> <li>Lenovo Solution Center</li> <li>Lenovo ThinkVantage Tools</li> <li>ThinkVantage System Update</li> <li>Create Recovery Media</li> <li>Adobe® Reader®</li> </ul>  |   |   |           |                        |                     |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |
| Environment                   | EPEAT™ Gold rating (North America); ENERGY STAR® 6.1; TCO AIO Computer Certified; ULE Gold; 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 <a href="http://www.lenovoquickpick.com">http://www.lenovoquickpick.com</a>   |   |   |           |                        |                     |   |                    |                      |             |                |  |  |     |                           |   |                        |                                |                          |   |   |   |

See footnotes for more detailed information

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