

# 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 TPM (Trusted Platform Module) 2.0, TCG Certified * 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		Security features <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></ul> <ul style="list-style-type: none"><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>
	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 * System clocks down for the processors with lower memory controller						Keyboard <i>Some:</i> Lenovo Calliope Keyboard (USB connector), black <i>Some:</i> Lenovo Traditional Keyboard (USB connector), black <i>Some:</i> Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black <i>Some:</i> Lenovo Calliope Mouse (USB connector), black <i>Some:</i> Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black	
Storage	<i>Some:</i> Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" <i>Some:</i> M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s <i>Some:</i> Intel Optane™ Memory Ready (models with 7th gen Core processor), M.2 <i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive, slim (9.5mm) <i>Some:</i> DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.5mm) Optional 9-in-1 media card reader						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>	
Optical								
Media reader								
Graphics	<b>Intel HD Graphics 510/530/610/630</b> in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™; <i>Max resolution:</i> 4096x2304 (DP) @60Hz, 1920x1080 (Panel) @60Hz <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)							
Display								
Multi-touch	Optional Projected Capacitive Touch (PCT) technology, supports 10-point 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	<b>Intel Q270 Chipset</b>							
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 <i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.1 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 <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™	<i>Some:</i> Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter							
Ethernet	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)							
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 <i>Some:</i> <b>1-year or 3-year, limited onsite service</b> / service upgrades available							
Preload	<b>Preloaded operating system</b> <i>Some:</i> Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit						<b>Preloaded applications (only some listed)</b> <ul style="list-style-type: none"><li>Microsoft Office preloaded; purchase a product key to activate</li><li>Cyberlink PowerDVD Create (DVD±RW)<ul style="list-style-type: none"><li>Only for Window 10</li></ul></li><li>Lenovo Companion</li><li>Lenovo ID</li><li>Lenovo Settings</li><li>Cyberlink PowerDVD (DVD, DVD±RW)<ul style="list-style-type: none"><li>Only for Window 7</li></ul></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

Model	10NR0012++
Product	ThinkCentre M910z
Region	EMEA
Machine Type	10NR
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	10-point Multi-touch
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	Cable Lock
Keyboard / Mouse	USB / USB
Stand	UltraFlex II Stand
Operating System	Windows 10 Pro 64
Warranty	3-year, Onsite
Global	No
Ann Date (mm/yy)	02/17



