

# ThinkCentre M800z Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo Slim USB Keyboard (USB connector), black <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black <i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																																																												
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron G3900</td> <td>2 / 2</td> <td>2.8 G</td> <td>2 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4400</td> <td>2 / 2</td> <td>3.3 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4500</td> <td>2 / 2</td> <td>3.5 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6100</td> <td>2 / 4</td> <td>3.7 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6300</td> <td>2 / 4</td> <td>3.8 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6400</td> <td>4 / 4</td> <td>2.7 G / 3.3 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6500</td> <td>4 / 4</td> <td>3.2 G / 3.6 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6600</td> <td>4 / 4</td> <td>3.3 G / 3.9 G</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>3.4 G / 4.0 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> </tbody> </table>	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	Mouse	
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		Mechanical	<ul style="list-style-type: none"> <li>• Business black color</li> <li>• Toolless stand</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>21.1 X 1.8 X 14.3 (inch); 535 X 45 X 363 (mm)</td> <td>(Touch) 14.6 / 6.6 (Non-touch) 12.8 / 5.8</td> <td>N/A</td> </tr> <tr> <td>With Basic Monitor stand:</td> <td>21.1 X 9.6 X 17.0 (inch); 535 X 245 X 431 (mm)</td> <td>(Non-touch) 17.0 / 7.7</td> <td>Tilt: 45° back, -5° forward</td> </tr> <tr> <td>With UltraFlex II stand:</td> <td>21.1X 10.0 X 19.3 (inch); 535 X 253 X 489 (mm)</td> <td>(Touch) 20.3 / 9.2 (Non-touch) 18.3 / 8.3</td> <td>Tilt: 61° back, -5° forward; Lift: 160mm; Swivel: +/-45°</td> </tr> </tbody> </table>			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°																																											
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Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable	Power supply	150 watts, autosensing, 85% PSU																																																												
Disk	<i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm <i>Some:</i> Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide	Limited warranty <sup>3</sup>	<i>Some:</i> <b>1-year or 3-year, depot repair service</b> <i>Some:</i> <b>1-year or 3-year, limited onsite service</b> <i>Some:</i> <b>3-years, limited onsite service, OID</b> (Onsite International Delivery) / <i>For Lenovo service upgrade options, please go to S-TC sheet</i>																																																												
Optical	<i>Some:</i> DVD, SATA 1.5Gb/s, 9.5mm high <i>Some:</i> DVD burner, SATA 1.5Gb/s, 9.5mm high	Preload	<b>Preloaded operating system</b> <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <i>Some:</i> Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit																																																												
Media reader	Optional 9-in-1 media card reader		<b>Preloaded applications (only some listed)</b> <ul style="list-style-type: none"> <li>• Desktop Power Manager</li> <li>• Lenovo Solution Center</li> <li>• Lenovo REACHit</li> <li>• Lenovo SHAREit</li> <li>• Lenovo Bluetooth Lock (for models with Wi-Fi/BT card)</li> <li>• McAfee® LiveSafe™ (30-day trial)</li> <li>• Microsoft Office preloaded; purchase a product key to activate</li> <li>• PowerDVD Create (DVD±RW)</li> <li>• Lenovo ThinkVantage Tools               <ul style="list-style-type: none"> <li>- Only for Window 10</li> <li>• Lenovo Companion</li> <li>• Cyberlink PowerDVD (DVD, DVD±RW)</li> <li>• Lenovo QuickOptimizer</li> <li>- Only for Window 7</li> <li>• Rescue and Recovery</li> <li>• Password Manager</li> <li>• ThinkVantage System Update</li> <li>• Lenovo Message Center Plus</li> <li>• Adobe® Reader®</li> </ul> </li> </ul>																																																												
Graphics	<b>Intel HD Graphics 510/530</b> in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™; <i>Max resolution:</i> 4096x2304 (DP)@60Hz																																																														
Display	<b>21.5"</b> (546.1mm) <b>Full HD 1080p (1920x1080) TFT color</b> , 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	<b>Intel H110 Chipset</b>																																																														
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 <sup>13</sup>	<i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (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 4.0 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2	Environment	EPEAT™ Gold rating; ENERGY STAR® 6.1; TCO Certified; ErP Lot 3; GREENGUARD® certified; RoHS-compliant																																																												
Bluetooth™	<i>Some:</i> Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter	MIL-SPEC test	MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock)																																																												
Ethernet	Gigabit ethernet, Realtek RTL8111G, Wake on LAN®	Accessories	For compatible accessories, please go to TC-AQP sheet																																																												
Manageability	None																																																														
Security chip	Trusted Platform Module (TPM 1.2-compliant)																																																														
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>• 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>																																																														

See footnotes for more detailed information

<b>Model</b>	<b>10EU0021++</b>
Product	ThinkCentre M800z
Region	WE
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	1TB 5400rpm 2.5"
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	USB / USB
Stand	Basic Monitor 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)	11/15



