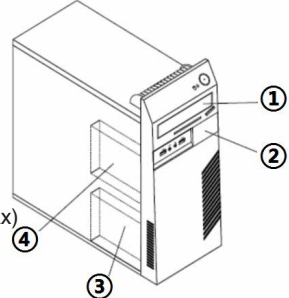


# ThinkCentre M79 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD A4, A6, A8, or A10 series APUs	<ul style="list-style-type: none"> <li>• Cable lock to physically lock both keyboard and mouse (optional)</li> <li>• Power-on password</li> <li>• Boot without keyboard and mouse</li> <li>• Individual USB port disablement</li> <li>• Optional <i>Chassis intrusion switch</i></li> </ul>																																																																								
	<table border="1"> <thead> <tr> <th>APU</th> <th>Cores</th> <th>Frequency (Max/Base)</th> <th>L2 Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>A4-6300B</td> <td>2</td> <td>3.9 / 3.7</td> <td>1MB</td> <td>DDR3-1600</td> <td>HD 8370D</td> </tr> <tr> <td>A4 PRO-7300B</td> <td>2</td> <td>4.0 / 3.8</td> <td>1MB</td> <td>DDR3-1600</td> <td>HD 8470D</td> </tr> <tr> <td>PRO A4-8350B</td> <td>2</td> <td>3.9 / 3.5</td> <td>1MB</td> <td>DDR3-1866</td> <td>Radeon R5 Series</td> </tr> <tr> <td>A6-6400B</td> <td>2</td> <td>4.1 / 3.9</td> <td>1MB</td> <td>DDR3-1866</td> <td>HD 8470D</td> </tr> <tr> <td>A6 PRO-7400B</td> <td>2</td> <td>3.9 / 3.5</td> <td>1MB</td> <td>DDR3-1866</td> <td>Radeon R5 Series</td> </tr> <tr> <td>PRO A6-8550B</td> <td>2</td> <td>4.0 / 3.7</td> <td>1MB</td> <td>DDR3-2133</td> <td>Radeon R5 Series</td> </tr> <tr> <td>A8-6500B</td> <td>4</td> <td>4.1 / 3.5</td> <td>4MB</td> <td>DDR3-1866</td> <td>HD 8570D</td> </tr> <tr> <td>A8 PRO-7600B</td> <td>4</td> <td>3.8 / 3.1</td> <td>4MB</td> <td>DDR3-2133</td> <td>Radeon R7 Series</td> </tr> <tr> <td>PRO A8-8650B</td> <td>4</td> <td>3.9 / 3.2</td> <td>4MB</td> <td>DDR3-2133</td> <td>Radeon R7 Series</td> </tr> <tr> <td>A10 PRO-7800B</td> <td>4</td> <td>3.9 / 3.5</td> <td>4MB</td> <td>DDR3-2133</td> <td>Radeon R7 Series</td> </tr> <tr> <td>PRO A10-8750B</td> <td>4</td> <td>4.0 / 3.6</td> <td>4MB</td> <td>DDR3-2133</td> <td>Radeon R7 Series</td> </tr> </tbody> </table>	APU	Cores	Frequency (Max/Base)	L2 Cache	Memory Types	Integrated Graphics	A4-6300B	2	3.9 / 3.7	1MB	DDR3-1600	HD 8370D	A4 PRO-7300B	2	4.0 / 3.8	1MB	DDR3-1600	HD 8470D	PRO A4-8350B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series	A6-6400B	2	4.1 / 3.9	1MB	DDR3-1866	HD 8470D	A6 PRO-7400B	2	3.9 / 3.5	1MB	DDR3-1866	Radeon R5 Series	PRO A6-8550B	2	4.0 / 3.7	1MB	DDR3-2133	Radeon R5 Series	A8-6500B	4	4.1 / 3.5	4MB	DDR3-1866	HD 8570D	A8 PRO-7600B	4	3.8 / 3.1	4MB	DDR3-2133	Radeon R7 Series	PRO A8-8650B	4	3.9 / 3.2	4MB	DDR3-2133	Radeon R7 Series	A10 PRO-7800B	4	3.9 / 3.5	4MB	DDR3-2133	Radeon R7 Series	PRO A10-8750B	4	4.0 / 3.6	4MB	DDR3-2133	Radeon R7 Series	<p>Keyboard</p> <p>Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo</p> <p>Some: Lenovo USB Fingerprint Keyboard (USB connector)</p> <p>Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black</p> <p>Mouse</p> <p>Some: Enhanced Optical USB Mouse, black, Lenovo logo</p> <p>Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black</p>
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Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets																																																																									
Disk	Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm																																																																									
	Some: hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 5400 rpm 2.5" wide or 7200 rpm 3.5" wide																																																																									
Optical	Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide																																																																									
Onboard SATA Media reader	Some: DVD-ROM SATA 1.5Gb/s Drive																																																																									
	Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive																																																																									
Graphics	SATA 6.0Gb/s controller, three connectors on planar, RAID 0/1 support																																																																									
	Optional 7-in-1 single slot media card reader																																																																									
Power supply	Optional DisplayPort to DVI-D monitor cable																																																																									
Limited warranty <sup>3</sup>	<p><b>AMD Radeon™ Graphics</b> in processor, uses main memory, one VGA, one DisplayPort™, one optional DP, supports up to three independent displays, works along with optional discrete graphics to support up to five independent displays;</p> <p><i>Maximum resolution: 1920x1200 (VGA)@60Hz; 2560x2048 (DisplayPort)@60Hz</i></p> <p>Some: <b>AMD Radeon HD 8570</b>, DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40W; <i>Max resolution: 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz</i></p> <p>Some: <b>NVIDIA® GeForce® GT 620</b>, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i></p> <p>Some: <b>AMD Radeon™ HD 7450</b>, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; <i>Max resolution: 2560x1600 (DisplayPort, DVI-I)@60Hz</i></p>	<p>Some: 180 watts, autosensing, 100-240V (50-60Hz)</p> <p>Some: 280 watts, autosensing, 100-240V (50-60Hz)</p> <p>Some: 280 watts, autosensing, 85% PSU, 100-240V (50-60Hz)</p>																																																																								
Preload	<p>Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit</p> <p>Some: Windows 7 Professional 32</p> <p>Some: Windows 7 Professional 64</p> <p><b>Ready to install applications</b> (only some listed)</p> <ul style="list-style-type: none"> <li>• Rescue and Recovery™</li> <li>• Password Manager</li> </ul> <p><b>Preloaded applications</b> (only some listed)</p> <ul style="list-style-type: none"> <li>• ThinkVantage® Product Recovery</li> <li>• ThinkVantage System Update</li> <li>• ThinkVantage Communication Utility</li> <li>• ThinkVantage Device Experience</li> <li>• Desktop Power Manager</li> <li>• View Management Utility</li> <li>• Lenovo Solution Center</li> <li>• Lenovo Message Center Plus</li> <li>• Norton™ Internet Security (30 days of virus definitions)</li> <li>• Adobe® Reader®</li> <li>• Skype™</li> <li>• Microsoft Office preloaded; purchase a product key to activate</li> <li>• Cyberlink Power2Go (DVD±RW)</li> <li>• Cyberlink PowerProducer (DVD±RW)</li> <li>• Evernote®</li> <li>• Nitro Pro</li> </ul>	<p>Some: <b>3-years, limited onsite service</b> / service upgrades available</p> <p>Some: <b>3-years, limited onsite service, OID</b> (Onsite International Delivery) / service upgrades available</p> <p><i>For Lenovo service upgrade options, please go to S-TC sheet</i></p> <p>Some: Windows 8.1 64-bit preinstalled through downgrade</p> <p>Some: Windows 8.1 Pro 64-bit</p> <p>Some: Windows 10 Pro 64-bit</p> <p><b>Preloaded applications</b> (only some listed)</p> <ul style="list-style-type: none"> <li>• Desktop Power Manager</li> <li>• Lenovo Solution Center</li> <li>• Lenovo Companion</li> <li>• Lenovo SHAREit</li> <li>• Lenovo REACHit</li> <li>• McAfee® LiveSafe™(30-day trial)</li> <li>• Microsoft Office preloaded; purchase a product key to activate</li> <li>• Cyberlink PowerDVD (DVD±RW, DVD)</li> <li>• PowerDVD Create (DVD±RW)</li> <li>• PC Device Stage</li> </ul>																																																																								
Chipset	<p>Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)</p> <p>Up to six USB ports (2x USB 3.0 + 2x USB 2.0 + 2x optional USB 2.0), serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), ethernet (RJ-45), VGA, DisplayPort (1x standard + 1x optional), two PS/2 ports</p> <p>Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)</p> <p>Optional FireWire PCIe adapter, 1394a-2000, 400Mbps, two 6-pin ports on rear</p>																																																																									
Front ports	<p>High Definition (HD) Audio, Realtek ALC662 / internal speaker (1.5watt)</p>																																																																									
Rear ports	<p>Some: 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1</p> <p>Some: 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2</p> <p>Some: 11ac/b/g/n wireless, Broadcom BCM4352, 2.4/5GHz, Wi-Fi + BT 4.0, 2x2</p>																																																																									
Rear audio ports	<p>Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter</p> <p>One gigabit ethernet port, Realtek 8111EPV, Wake on LAN®</p> <p>None</p>																																																																									
IEEE 1394	<p>Enhanced Manageability with DASH 1.1</p> <p>Trusted Platform Module, TCG 1.2-compliant</p>																																																																									
Audio support	<p>• Padlock loop (in rear for opt padlock)</p> <p>• Security slot (in rear for optional Kensington® MicroSaver® cable)</p> <p>• Administrator password</p> <p>• Hard disk password</p> <p>• Boot sequence control</p>																																																																									
WLAN <sup>13</sup>	<p>ENERGY STAR® 6.0 (Need 85% PSU and Windows OS);</p> <p>EPEAT™ Gold rating (Need 85% PSU and Windows OS);</p> <p>GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3</p>																																																																									
Bluetooth™	<p>For compatible accessories, please go to TC-AQP sheet</p>																																																																									
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