

ThinkCentre M79 Tower Platform Specifications

Product Specifications Reference (PSREF)

Lenovo

Processor	AMD A4, A6, A8, or A10 series APUs	<ul style="list-style-type: none"> • Cable lock to physically lock both keyboard and mouse (optional) • Power-on password • Boot without keyboard and mouse • Individual USB port disablement • Optional <i>Chassis intrusion switch</i> 																																																																								
	<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	<ul style="list-style-type: none"> • Keyboard • Mouse • Mechanical
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Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3, four 240-pin DIMM sockets																																																																									
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 5400 rpm 2.5" wide or 7200 rpm 3.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide																																																																									
Optical	<i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive <i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive																																																																									
Onboard SATA Media reader	SATA 6.0Gb/s controller, three connectors on planar, RAID 0/1 support Optional 7-in-1 single slot media card reader																																																																									
Graphics	AMD Radeon™ Graphics 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; <i>Maximum resolution:</i> 1920x1200 (VGA)@60Hz; 2560x2048 (DisplayPort)@60Hz <i>Some:</i> AMD Radeon HD 8570 , DirectX 11, 3D Hardware Acceleration, 2GB, PCI Express 3.0 x16 adapter (8x elec), one VGA, one HDMI, 40W; <i>Max resolution:</i> 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@85Hz <i>Some:</i> NVIDIA® GeForce® GT 620 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution:</i> 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz <i>Some:</i> AMD Radeon™ HD 7450 , 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:</i> 2560x1600 (DisplayPort, DVI-I)@60Hz	<ul style="list-style-type: none"> • Power supply • Limited warranty³ • Preload 																																																																								
DP cable	Optional DisplayPort to DVI-D monitor cable	<ul style="list-style-type: none"> • Power supply • Limited warranty³ • Preload 																																																																								
Chipset	AMD A78 FCH	<ul style="list-style-type: none"> • Power supply • Limited warranty³ • Preload 																																																																								
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	<ul style="list-style-type: none"> • Power supply • Limited warranty³ • Preload 																																																																								
Rear ports	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	<ul style="list-style-type: none"> • Power supply • Limited warranty³ • Preload 																																																																								
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)	<ul style="list-style-type: none"> • Power supply • Limited warranty³ • Preload 																																																																								
IEEE 1394	Optional FireWire PCIe adapter, 1394a-2000, 400Mbps, two 6-pin ports on rear	<ul style="list-style-type: none"> • Power supply • Limited warranty³ • Preload 																																																																								
Audio support	High Definition (HD) Audio, Realtek ALC662 / internal speaker (1.5watt)	<ul style="list-style-type: none"> • Power supply • Limited warranty³ • Preload 																																																																								
WLAN ¹³	<i>Some:</i> 11b/g/n wireless, Realtek RTL8723BE, Wi-Fi + BT 4.0 combo, 1x1 <i>Some:</i> 11b/g/n wireless, Realtek RTL8192EE, Wi-Fi + BT 4.0 combo, 2x2 <i>Some:</i> 11ac/b/g/n wireless, Broadcom BCM4352, 2.4/5GHz, Wi-Fi + BT 4.0, 2x2	<ul style="list-style-type: none"> • Power supply • Limited warranty³ • Preload 																																																																								
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	<ul style="list-style-type: none"> • Power supply • Limited warranty³ • Preload 																																																																								
Ethernet	One gigabit ethernet port, Realtek 8111EPV, Wake on LAN®	<ul style="list-style-type: none"> • Power supply • Limited warranty³ • Preload 																																																																								
Modem	None	<ul style="list-style-type: none"> • Power supply • Limited warranty³ • Preload 																																																																								
Manageability	Enhanced Manageability with DASH 1.1	<ul style="list-style-type: none"> • Power supply • Limited warranty³ • Preload 																																																																								
Security chip	Trusted Platform Module, TCG 1.2-compliant	<ul style="list-style-type: none"> • Power supply • Limited warranty³ • Preload 																																																																								
Security features	<ul style="list-style-type: none"> • Padlock loop (in rear for opt padlock) • Security slot (in rear for optional Kensington® MicroSaver® cable) • Administrator password • Hard disk password • Boot sequence control 	<ul style="list-style-type: none"> • Power supply • Limited warranty³ • Preload 																																																																								
Environment	ENERGY STAR® 6.0 (Need 85% PSU and Windows OS); EPEAT™ Gold rating (Need 85% PSU and Windows OS); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3	<ul style="list-style-type: none"> • Power supply • Limited warranty³ • Preload 																																																																								
Accessories	For compatible accessories, please go to TC-AQP sheet	<ul style="list-style-type: none"> • Power supply • Limited warranty³ • Preload 																																																																								

See footnotes for more detailed information

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