

# ThinkCentre M75q-1 Tiny Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD Athlon PRO or Ryzen 3 / 5 PRO series processor	Security features	<ul style="list-style-type: none"> <li>Security slot (in rear for optional Kensington® MicroSaver® cable)</li> <li>Smart USB protection, allows keyboard/mouse only, blocks all storage devices</li> <li>Power-on password</li> <li>Administrator password</li> <li>Hard disk password</li> <li>Boot sequence control</li> <li>Boot without keyboard and mouse</li> <li>Individual USB port disablement</li> <li>Chassis intrusion switch</li> </ul>																																										
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max</th> <th>L2 / L3 Cache</th> <th>Memory Support (Up to)</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Athlon PRO 200GE</td> <td>2 / 4</td> <td>3.2 GHz</td> <td>1 MB / 4MB</td> <td>DDR4-2666</td> <td>Radeon Vega 3</td> </tr> <tr> <td>Athlon PRO 300GE</td> <td>2 / 4</td> <td>3.4 GHz</td> <td>1 MB / 4MB</td> <td>DDR4-2666</td> <td>Radeon Vega 3</td> </tr> <tr> <td>Ryzen 3 PRO 2200GE</td> <td>4 / 4</td> <td>3.2 / 3.6 GHz</td> <td>2 MB / 4MB</td> <td>DDR4-2933</td> <td>Radeon Vega 8</td> </tr> <tr> <td>Ryzen 5 PRO 2400GE</td> <td>4 / 8</td> <td>3.2 / 3.8 GHz</td> <td>2 MB / 4MB</td> <td>DDR4-2933</td> <td>Radeon Vega 11</td> </tr> <tr> <td>Ryzen 3 PRO 3200GE</td> <td>4 / 4</td> <td>3.3 / 3.8 GHz</td> <td>2 MB / 4MB</td> <td>DDR4-2933</td> <td>Radeon Vega 8</td> </tr> <tr> <td>Ryzen 5 PRO 3400GE</td> <td>4 / 8</td> <td>3.3 / 4.0 GHz</td> <td>2 MB / 4MB</td> <td>DDR4-2933</td> <td>Radeon Vega 11</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max	L2 / L3 Cache	Memory Support (Up to)	Integrated Graphics	Athlon PRO 200GE	2 / 4	3.2 GHz	1 MB / 4MB	DDR4-2666	Radeon Vega 3	Athlon PRO 300GE	2 / 4	3.4 GHz	1 MB / 4MB	DDR4-2666	Radeon Vega 3	Ryzen 3 PRO 2200GE	4 / 4	3.2 / 3.6 GHz	2 MB / 4MB	DDR4-2933	Radeon Vega 8	Ryzen 5 PRO 2400GE	4 / 8	3.2 / 3.8 GHz	2 MB / 4MB	DDR4-2933	Radeon Vega 11	Ryzen 3 PRO 3200GE	4 / 4	3.3 / 3.8 GHz	2 MB / 4MB	DDR4-2933	Radeon Vega 8	Ryzen 5 PRO 3400GE	4 / 8	3.3 / 4.0 GHz	2 MB / 4MB	DDR4-2933	Radeon Vega 11	Keyboard	<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 Fingerprint Mouse (USB connector), Windows Hello support, black (only available via special bid models) <i>Some:</i> Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black
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Memory	32GB max, DDR4-2666*, two 260-pin SO-DIMM sockets, dual-channel capable * System automatically clocks down for the lower memory controller	Mechanical	Tiny (1L), black color; metal case <ul style="list-style-type: none"> <li>Toolless chassis open (need optional toolless chassis screw)</li> <li>Toolless HDD, SSD, memory removal</li> <li>Optional dust filter</li> </ul> M75q Tiny only: 7.0" W X 7.2" D X 1.5" H 179mm W X 183mm D X 37mm H 2.91 lb (1.32 kg), weight may vary by configuration With VESA mount & ODD box: 7.42" W X 7.30" D X 2.48" H 188.4mm W X 185.38mm D X 63mm H 3.66 lb (1.66 kg), weight may vary by configuration Optional VESA mount bracket kit, supports VESA 75mm and 100mm																																										
Disk	<i>Some:</i> Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm <i>Some:</i> M.2 SSD (2242 / 2280) / PCIe NVMe, PCIe 3.0 x2 or PCIe 3.0 x4	VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm																																										
Optical	<i>Some:</i> DVD-ROM, 9.0mm high, via USB external ODD box <i>Some:</i> DVD±RW, 9.0mm high, via USB external ODD box	Floor Stand	Optional system floor stand for vertical orientation																																										
Onboard SATA	One SATA 6.0Gb/s connector on system board	Power supply	<i>Some:</i> 65 watts adapter, autosensing, 88% PSU (not included for TIO models) <i>Some:</i> 135 watts adapter, autosensing, 88% PSU (not included for TIO models)																																										
Graphics	<b>AMD Radeon™ Graphics</b> in processor, uses main memory, DirectX® 12, one DisplayPort™, one HDMI, one optional port (VGA, 2nd DP, or 2nd HDMI), supports 3 independent displays (supports maximum of 2 concurrent HDMI/DVI displays when using HDMI port or DP to DVI/HDMI dongles, and Athlon / Athlon PRO only support 2 displays); <i>Max resolution:</i> 4096x2160 (DP)@60Hz; 4096x2160 (HDMI)@30Hz; 1920x1200 (VGA)@60Hz	Limited warranty	1-year or 3-year, limited onsite service / service upgrades available																																										
Monitor cable	Optional DP to VGA dongle, DP to DVI-D dongle, DP to dual DP dongle, or DP to HDMI 1.4 dongle	Preload	<b>Preloaded operating system</b> <i>Some:</i> Windows® 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit <i>Some:</i> Windows 10 IoT Enterprise <i>Some:</i> Linux Ubuntu																																										
Chipset	<b>AMD B300 Chipset</b>	Environment	ENERGY STAR® 7.1*, EPEAT™ Silver rating* (*Not for non-OS models); ErP Lot 3; RoHS-compliant; TUV low noise verified																																										
Front ports* (Std.)	one USB 3.1 Gen1 (Always On and fast charge), one USB 3.1 Type-C Gen 1, one microphone (3.5mm), one headphone / microphone combo jack (3.5mm)	MIL-SPEC test	MIL-STD-810H military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus, Solar Radiation)																																										
Rear ports* (Std.)	1x USB 3.1 Gen1, 3x USB 2.0, 1x ethernet (RJ-45), 1x DisplayPort, 1x HDMI	Accessories	For compatible accessories, please go to <a href="http://smartfind.lenovo.com">http://smartfind.lenovo.com</a>																																										
Rear ports* (Opt.)	Two optional ports: Port 1 for VGA / 2nd DP / 2nd HDMI / serial; Port 2 for serial; * Depending on many factors, actual data transfer speed may be lower than theoretical speed																																												
Audio support	High Definition (HD) Audio, Realtek ALC222CG / internal speaker (1.5 watt)																																												
WLAN	<i>Some:</i> 11ac wireless, M.2 Card, Realtek RTL8822CE (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Wireless-AC 9260 (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 2x2																																												
Bluetooth	<i>Some:</i> Bluetooth 4.2 / 5.0 wireless, integrated in Wi-Fi + BT combo adapter																																												
Ethernet	Gigabit ethernet, Realtek RTL8111EPV-CG, Wake on LAN®																																												
Manageability	DASH 1.0/1.1																																												
Security chip	Discrete TPM 2.0, TCG Certified																																												

Note: The specifications above may not be available in all regions.

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