

# ThinkCentre M73 Tiny Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 4th Generation Intel Core™ i3 / i5 / i7 Processors						Manageability	None																																																																														
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency (Base/Max)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron G1820T</td> <td>2 / 2</td> <td>2.4 GHz</td> <td>2 MB</td> <td>DDR3-1333</td> <td>Intel HD</td> </tr> <tr> <td>Celeron G1840T</td> <td>2 / 2</td> <td>2.5 GHz</td> <td>2 MB</td> <td>DDR3-1333</td> <td>Intel HD</td> </tr> <tr> <td>Pentium G3220T</td> <td>2 / 2</td> <td>2.6 GHz</td> <td>3 MB</td> <td>DDR3-1333</td> <td>Intel HD</td> </tr> <tr> <td>Pentium G3240T</td> <td>2 / 2</td> <td>2.7 GHz</td> <td>3 MB</td> <td>DDR3-1333</td> <td>Intel HD</td> </tr> <tr> <td>Pentium G3420T</td> <td>2 / 2</td> <td>2.7 GHz</td> <td>3 MB</td> <td>DDR3-1600</td> <td>Intel HD</td> </tr> <tr> <td>Core i3-4130T</td> <td>2 / 4</td> <td>2.9 GHz</td> <td>3 MB</td> <td>DDR3-1600</td> <td>HD 4400</td> </tr> <tr> <td>Core i3-4150T</td> <td>2 / 4</td> <td>3 GHz</td> <td>3 MB</td> <td>DDR3-1600</td> <td>HD 4400</td> </tr> <tr> <td>Core i5-4460T</td> <td>4 / 4</td> <td>1.9 GHz / 2.7 GHz</td> <td>6 MB</td> <td>DDR3-1600</td> <td>HD 4600</td> </tr> <tr> <td>Core i5-4570T</td> <td>2 / 4</td> <td>2.9 GHz / 3.6 GHz</td> <td>4 MB</td> <td>DDR3-1600</td> <td>HD 4600</td> </tr> <tr> <td>Core i5-4590T</td> <td>4 / 4</td> <td>2 GHz / 3 GHz</td> <td>6 MB</td> <td>DDR3-1600</td> <td>HD 4600</td> </tr> <tr> <td>Core i7-4765T</td> <td>4 / 8</td> <td>2 GHz / 3 GHz</td> <td>8 MB</td> <td>DDR3-1600</td> <td>HD 4600</td> </tr> <tr> <td>Core i7-4785T</td> <td>4 / 8</td> <td>2.2 GHz / 3.2 GHz</td> <td>8 MB</td> <td>DDR3-1600</td> <td>HD 4600</td> </tr> </tbody> </table>						Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	Celeron G1820T	2 / 2	2.4 GHz	2 MB	DDR3-1333	Intel HD	Celeron G1840T	2 / 2	2.5 GHz	2 MB	DDR3-1333	Intel HD	Pentium G3220T	2 / 2	2.6 GHz	3 MB	DDR3-1333	Intel HD	Pentium G3240T	2 / 2	2.7 GHz	3 MB	DDR3-1333	Intel HD	Pentium G3420T	2 / 2	2.7 GHz	3 MB	DDR3-1600	Intel HD	Core i3-4130T	2 / 4	2.9 GHz	3 MB	DDR3-1600	HD 4400	Core i3-4150T	2 / 4	3 GHz	3 MB	DDR3-1600	HD 4400	Core i5-4460T	4 / 4	1.9 GHz / 2.7 GHz	6 MB	DDR3-1600	HD 4600	Core i5-4570T	2 / 4	2.9 GHz / 3.6 GHz	4 MB	DDR3-1600	HD 4600	Core i5-4590T	4 / 4	2 GHz / 3 GHz	6 MB	DDR3-1600	HD 4600	Core i7-4765T	4 / 8	2 GHz / 3 GHz	8 MB	DDR3-1600	HD 4600	Core i7-4785T	4 / 8	2.2 GHz / 3.2 GHz	8 MB	DDR3-1600	HD 4600	Security chip	None
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						Security features	<ul style="list-style-type: none"> <li>• Security slot (in rear for optional Kensington® MicroSaver® cable)</li> <li>• Power-on password</li> <li>• Administrator password</li> <li>• Hard disk password</li> </ul>																																																																															
						Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo																																																																															
						Mouse	Enhanced Optical USB Mouse, black, Lenovo logo																																																																															
						Mechanical	Tiny (1L), business black color; metal case																																																																															
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						VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm																																																																															
						Floor Stand	Optional system floor stand for vertical orientation																																																																															
						Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)																																																																															
						Limited warranty <sup>3</sup>	<i>Some:</i> <b>1-year, depot repair service</b> <i>Some:</i> <b>1-year or 3-years, limited onsite service</b> <i>Some:</i> <b>3-years, limited onsite service, IWS</b> (International Warranty Service®) / <i>For Lenovo service upgrade options, please go to S-TC sheet</i>																																																																															
						Preload	<i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 <b>Ready to install applications</b> (only some listed) <ul style="list-style-type: none"> <li>• Rescue and Recovery™</li> <li>• Password Manager</li> </ul> <b>Preloaded applications</b> (only some listed) <ul style="list-style-type: none"> <li>• ThinkVantage® Product Recovery</li> <li>• ThinkVantage System Update</li> <li>• ThinkVantage Communication Utility</li> <li>• ThinkVantage Power Manager</li> <li>• View Management Utility</li> <li>• PC Device Stage</li> <li>• Lenovo Cloud Storage by SugarSync</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>• Evernote®</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>• Nitro Pro</li> </ul>																																																																															
							<i>Some:</i> Genuine Windows® Embedded Standard 7 (WES 7) <i>Some:</i> LeTOS (Lenovo Terminal Operating System, Linux-based) <b>Preloaded applications</b> (only some listed) <ul style="list-style-type: none"> <li>- <b>WES 7 only:</b> <ul style="list-style-type: none"> <li>• Intel Management Engine Components</li> <li>• RDP Client</li> <li>• Citrix Client</li> <li>• VMware Client</li> <li>• Internet Explorer 9</li> <li>• Java</li> <li>• Flash</li> <li>• .Net Framework</li> <li>• Microsoft® Silverlight</li> <li>• Echo Agent</li> <li>• Ultra VNC</li> <li>• Adobe Reader</li> <li>• Intel Manageability Engine Firmware Recovery Agent</li> </ul> </li> <li>- <b>LeTOS only:</b> <ul style="list-style-type: none"> <li>• xFreeRDP</li> <li>• Citrix ICA Client</li> <li>• VMware View Client</li> <li>• Java</li> <li>• Mozilla Firefox</li> <li>• NX NoMachine Client</li> <li>• X11 Client</li> <li>• VDI-In-A-Box Java Client</li> <li>• AnyConnect VPN Client</li> </ul> </li> </ul>																																																																															
Memory	16GB max, <b>PC3-12800 1600MHz DDR3</b> , two 204-pin SODIMM sockets (notebook), System automatically clocks down for processors with 1333MHz DDR3 memory controller																																																																																					
Disk	<i>Some:</i> 8GB or 16GB / DOM (Disk On Module) Card <i>Some:</i> Hard disk, 2.5" Wide, 5400 rpm or 7200 rpm <i>Some:</i> 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide																																																																																					
Optical	<i>Some:</i> external USB optical box with slim DVD-ROM, 12.7mm high, tray-in <i>Some:</i> external USB optical box with slim DVD±RW, 12.7mm high, tray-in <i>Some:</i> external USB optical box with slim DVD±RW, 9.5mm high, tray-in, for TIO 23																																																																																					
Onboard SATA Media reader	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar None																																																																																					
Graphics	<b>Intel HD Graphics or Intel HD Graphics 4400/4600</b> in processor, uses main memory, one VGA, one DisplayPort™, supports up to dual independent display; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)																																																																																					
DP cable	None																																																																																					
Chipset	<b>Intel H81 Chipset</b>																																																																																					
Front ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)																																																																																					
Rear ports	Three USB 2.0 (optional external optical box or external I/O box occupies one specific USB 2.0 on some models), ethernet (RJ-45), VGA DB-15, DisplayPort, one optional port (USB 2.0 / serial on selected models)																																																																																					
I/O box	Optional external I/O box, extends four USB 2.0 (two on front and two on rear), one serial, and two PS/2 (for keyboard and mouse), via USB 2.0 port																																																																																					
Audio support	High Definition (HD) Audio, Realtek ALC283 / internal speaker (1.5 watt)																																																																																					
WLAN <sup>13</sup>	<i>Some:</i> 11ac/b/g/n wireless, PCIe Half Mini Card, Broadcom BCM4352, dual band (2.4/5GHz), Wi-Fi + Bluetooth 4.0 combo adapter, 2x2 <i>Some:</i> 11b/g/n, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi/BT 4.0, 1x1 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11a/b/g/n wireless, PCIe Half Mini Card, Intel Centrino Advanced-N 6235, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino Wireless-N 7260, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2 <i>Some:</i> 11ac/a/b/g/n wireless, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo 4.0 adapter, 2x2																																																																																					
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																																																																																					
Ethernet	Gigabit ethernet port, Intel I217-V, Wake on LAN®																																																																																					
Modem	None																																																																																					
Environment	ENERGY STAR® 6.0 (Need Windows OS); EPEAT™ Gold rating (Need Windows OS); GREENGUARD® certified; RoHS-compliant; Cisco EnergyWise compatible																																																																																					
Accessories	For compatible accessories, please go to TC-AQP sheet																																																																																					

See footnotes for more detailed information