

# ThinkCentre M73 Mini Tower (10B2) - ES 6.0 (TopSeller)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory <sup>8</sup>	SATA disk GB rpm	SATA optical	PCIe WLAN	Media reader	Graphics	Chassis Intrusion switch	2nd Serial / Parallel	ENERGY STAR 6.0 Global	Preload	Ann date (mm/dd/yy)	
10B20002US	3x4	i5-4670	4GBx2	500G Hybrid	DVD±RW	N2230	None	GT 620	None	S P	ES6.0	None	Win7 Pro64 (DG)	10/01/13
10B2000QUS	3x4	G1820	4GBx1	500G 7200	DVD±RW	None	None	Intel HD	None	None	ES6.0	None	Win7 P64 DG Win8.1	01/14/14

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Essential business features, exceptional value</i>										
Processor	<b>Intel® Celeron® G1820 Processor (2 cores / 2 threads, 2.7GHz, 2MB cache),</b> Intel HD Graphics, 1333MHz DDR3 memory controller <b>Intel Core™ i5-4670 Processor (4 cores / 4 threads, 3.4GHz, 6MB cache),</b> Turbo Boost 2.0 (3.8GHz), Intel HD Graphics 4600, 1600MHz DDR3 memory controller Processor in LGA1150 socket										
Implementation											
Memory	16GB max, <b>UDIMM, PC3-12800 1600MHz DDR3</b> , two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller										
Graphics	<b>Intel HD Graphics or Intel HD Graphics 4400/4600</b> in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display, works along with discrete graphics to support up to four independent monitors; <i>Maximum resolution: 2560x1600 (DisplayPort)@60Hz;</i> 1920x1200 (VGA)@60Hz (Reduced Blanking) <i>Some: NVIDIA® GeForce® GT 620, DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts;</i> <i>Max resolution: 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz</i>										
Disk	<i>Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm</i> <i>Some: 500GB (5400 rpm) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide</i>										
Optical	<i>Some: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive</i>										
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset										
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar										
eSATA port	None										
Media reader	Optional 9-in-1 media reader, internal USB 2.0										
Chipset	<b>Intel H81 Express Chipset</b>										
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)										
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DisplayPort										
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)										
Audio	High Definition (HD) Audio, Realtek® ALC662 codec										
PCIe WLAN <sup>4</sup>	<i>Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2</i>										
Bluetooth	<i>Some: Bluetooth 4.0 wireless, integrated in Intel Wi-Fi + Bluetooth combo adapter</i>										
Speaker	Internal speaker for business audio (1.5 watt)										
IEEE 1394	None										
Ethernet	Gigabit ethernet port, Realtek RTL8111GN, Wake on LAN <sup>5</sup>										
Manageability	None										
Modem	None										
Security chip	None										
Keyboard	Preferred Pro USB Keyboard (USB connector), black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Power supply	<i>Some: 280 watts, autosensing, active PFC, 85% PSU</i>										
Mechanical	<ul style="list-style-type: none"> <li>• Business black color; metal case</li> <li>• 6.3" W X 16.6" D X 15.3" H (with handle)</li> <li>• 160mm W X 422mm D X 388mm H</li> <li>• 20.7 lb (9.4 kg) in maximum configuration</li> <li>• Handle on top front</li> <li>• Highlighted optical drive button for easy access</li> </ul>										
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, opt disk* Bay 3: 3.5", 1" high, no access, std disk Bay 4: 1.5", .35" high, access, opt reader* *bay only available on models with HDD/SSD/reader installed										
Slot	Slot 1: half-length, full-height, PCIe 2.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x1										
Limited Warranty	<b>3-years, limited onsite service.</b> 8 am-5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades available										
	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">optical</div> <div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; width: 15px; height: 15px; margin: 0 5px;"></div> <div style="border: 1px solid black; width: 15px; height: 15px; margin: 0 5px;"></div> <div style="border: 1px solid black; width: 15px; height: 15px; margin: 0 5px;"></div> <div style="border: 1px solid black; width: 15px; height: 15px; margin: 0 5px;"></div> <div style="border: 1px solid black; width: 15px; height: 15px; margin: 0 5px;"></div> </div> <div style="border: 1px solid black; width: 15px; height: 15px; margin: 0 5px;"></div> <div style="border: 1px solid black; width: 15px; height: 15px; margin: 0 5px;"></div> <div style="border: 1px solid black; width: 15px; height: 15px; margin: 0 5px;"></div> <div style="border: 1px solid black; width: 15px; height: 15px; margin: 0 5px;"></div> <div style="border: 1px solid black; width: 15px; height: 15px; margin: 0 5px;"></div> </div>										
	<b>Preloaded operating system</b> <i>Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit</i> <i>Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit</i>										
	<b>Ready to install applications (only some listed)</b> <ul style="list-style-type: none"> <li>• Rescue and Recovery™</li> <li>• Password Manager</li> </ul>										
	<b>Preloaded applications (only some listed)</b> <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>										
	<b>Security</b> <ul style="list-style-type: none"> <li>• One lock to secure both cover and entire system to fixed object:                             <ul style="list-style-type: none"> <li>-Padlock loop (in rear for opt padlock)</li> <li>-Security slot (in rear for optional Kensington® MicroSaver® cable)</li> </ul> </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>• Serial port I/O control</li> <li>• Individual USB port disablement</li> <li>• Chassis intrusion switch on selected model(s)</li> </ul>										
	EPEAT™ Gold rating ENERGY STAR® 6.0-compliant Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant										
	Supports ThinkVantage Technologies										
	For compatible accessories, please go to TC-AQP sheet; For Lenovo service upgrade options, please go to S-TC sheet										

See footnotes for important warranty information  
 US model(s) announced October 1, 2013 or January 14, 2014

©Lenovo  
 (MLM1T-2) January 2014