

ThinkCentre M83 Tiny Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 4th Generation Intel Core™ i3 / i5 / i7 Processor						Keyboard <i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo USB Fingerprint Keyboard (USB connector) <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black <i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black				
	Processor	Cores / Threads	Frequency (Max/Base)	Cache	Memory Types	Integrated Graphics					
	Core i3-4130T	2 / 4	2.90 GHz	3MB	DDR3-1600	Intel HD 4400					
	Core i3-4150T	2 / 4	3.00 GHz	3MB	DDR3-1600	Intel HD 4400					
	Core i5-4590T	4 / 4	2.00 / 3.00 GHz	6MB	DDR3-1600	Intel HD 4600					
Core i7-4785T	4 / 8	2.20 / 3.20 GHz	8MB	DDR3-1600	Intel HD 4600						
Memory	16GB max / DDR3 Low Voltage, DDR3L-1600*, non-parity, two 204-pin SO-DIMM sockets <i>* System automatically clocks down for processors with 1333MHz DDR3 memory controller</i>						Mechanical Tiny (1L), business black color; metal case <table border="1"> <tr> <td>M83 Tiny only</td> <td>7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration</td> </tr> <tr> <td>M83 Tiny with VESA mount & optical box</td> <td>7.2" W X 7.2" D X 2.6" H 184mm W X 182mm D X 65mm H 5.1 lb (2.3 kg), weight may vary by configuration</td> </tr> </table>	M83 Tiny only	7.0" W X 7.2" D X 1.4" H 179mm W X 182mm D X 34.5mm H 2.9 lb (1.3 kg), weight may vary by configuration	M83 Tiny with VESA mount & optical box	7.2" W X 7.2" D X 2.6" H 184mm W X 182mm D X 65mm H 5.1 lb (2.3 kg), weight may vary by configuration
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Disk	<i>Some:</i> hard disk, 2.5" Wide, 5400 or 7200 rpm, Active Protection System™ <i>Some:</i> 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, 2.5" wide <i>Some:</i> Solid State Drive (SSD) / 2.5" Wide										
Optical	<i>Some:</i> external optical box with slim DVD-ROM, 12.7mm high, tray-in, via USB <i>Some:</i> external optical box with slim DVD±RW, 12.7mm high, tray-in, via USB										
Onboard SATA Media reader	SATA 6.0Gb/s controller, one connector on planar None										
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600, in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional HDMI or one optional 2nd DisplayPort on some models, supports up to 3 independent displays; Maximum resolution: 2560x1600 (DisplayPort)@60Hz; 1920x1080 (HDMI) @60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking)										
DP cable	Optional DisplayPort to DVI-D monitor cable										
Chipset	Intel Q85 Chipset										
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	Two USB 3.0, one USB 2.0 (optional external optical box or external I/O box occupies specific USB 2.0 on some models), ethernet (RJ-45), VGA, DisplayPort, one optional port (USB 2.0 / serial / 2nd DisplayPort / HDMI on some 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 ALC233 / optional internal speaker (1.5 watt)										
WLAN ¹³	<i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 <i>Some:</i> 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8192EE, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2 <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 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	One gigabit ethernet port, Intel I217-LM (Clarkville), Wake on LAN®										
Modem	None										
Manageability	Intel Standard Manageability Trusted Platform Module, TCG 1.2-compliant										
Security chip											
Security features	<ul style="list-style-type: none"> Security slot (in rear for optional Kensington® MicroSaver® cable) Smart USB protection, allows keyboard/mouse only, blocks all storage devices Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional Chassis intrusion switch 										
VESA mount Floor Stand	Optional VESA mount bracket kit, supports VESA 75mm and 100mm Optional system floor stand for vertical orientation										
Power supply	65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)										
Limited warranty ³	<i>Some:</i> 3-years, limited onsite service / service upgrades available <i>Some:</i> 3-years, limited onsite service, IWS (International Warranty Service®) / service upgrades available <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 8.1 Pro 64-bit <i>Some:</i> Windows 7 Professional 32/64 Ready to install applications (only some listed) <ul style="list-style-type: none"> Rescue and Recovery™ Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage® Product Recovery ThinkVantage System Update ThinkVantage Communication Utility PC Device Stage Desktop Power Manager View Management Utility Lenovo Solution Center Lenovo Message Center Plus Lenovo SHAREit Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote® Nitro Pro <i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit Web install applications (only some listed) <ul style="list-style-type: none"> Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> ThinkVantage System Update Desktop Power Manager Lenovo Solution Center PC Device Stage Lenovo Companion Lenovo SHAREit Lenovo Reach Norton Internet Security (30 days of virus definitions) Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Evernote® Nitro Pro Norton™ Studio Pokki 										
Environment	ENERGY STAR® 6.0; EPEAT™ Gold rating (U.S.); GREENGUARD®; RoHS-compliant; ErP Lot 3; UL Environment Gold; TUV; Cisco EnergyWise compatible										
Accessories	For compatible accessories, please go to TC-AQP sheet										

See footnotes for more detailed information

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