

ThinkCentre M83 Tiny 10E90002++

Region WE	Floor stand None
Machine Type 10E9	VESA mount Mount
TopSeller TopSeller	Keyboard / mouse USB
Processor i5-4590T	Internal Speaker Speaker
Memory 4GBx1	Global(G) No
Storage 500GB SSHD	Intel vPro None
External optical / I/O box None	Preload Win7 P64 DG Win8.1
Graphics Intel HD 4600	Warranty 3-year, onsite
WLAN Intel 7260 ac	Ann date (mm/dd/yy) 10/14
Optional port None	
DP to DVI Dongle None	
Chassis intrusion switch None	
Security cable Cable	



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Note:

Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "***" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries



Processor	Intel® Celeron®, Intel Pentium®, or 4th Generation Intel Core™ i3 / i5 / i7 Processor						<p>Keyboard Mouse</p> <p><i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo USB Fingerprint Keyboard (USB connector) <i>Some:</i> Ultrathin Plus Wireless Keyboard (2.4GHz via USB receiver), black <i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultrathin Plus Wireless Mouse (2.4GHz via USB receiver), black</p> <p>Mechanical</p> <p>Tiny (1L), business black color; metal case</p> <p>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</p> <p>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</p> <p>VESA mount Floor Stand</p> <p>Optional VESA mount bracket kit, supports VESA 75mm and 100mm Optional system floor stand for vertical orientation</p> <p>Power supply</p> <p>65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)</p> <p>Limited warranty³</p> <p><i>Some:</i> 3-years, limited onsite service / service upgrades available <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i></p> <p>Preload</p> <p><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</p> <p>Ready to install applications (only some listed)</p> <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager <p>Preloaded applications (only some listed)</p> <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) • Skype™ • Adobe® Reader® • 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 <p>Environment</p> <p>ENERGY STAR® 6.0; EPEAT™ Gold rating (U.S.); GREENGUARD®; RoHS-compliant; ErP Lot 3; UL Environment Gold; TUV; Cisco EnergyWise compatible</p> <p>Accessories</p> <p>For compatible accessories, please go to TC-AQP sheet</p>	
	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 * System automatically clocks down for processors with 1333MHz DDR3 memory controller						<p>VESA mount Floor Stand</p> <p>Optional VESA mount bracket kit, supports VESA 75mm and 100mm Optional system floor stand for vertical orientation</p> <p>Power supply</p> <p>65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)</p> <p>Limited warranty³</p> <p><i>Some:</i> 3-years, limited onsite service / service upgrades available <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i></p> <p>Preload</p> <p><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</p> <p>Ready to install applications (only some listed)</p> <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager <p>Preloaded applications (only some listed)</p> <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) • Skype™ • Adobe® Reader® • 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 <p>Environment</p> <p>ENERGY STAR® 6.0; EPEAT™ Gold rating (U.S.); GREENGUARD®; RoHS-compliant; ErP Lot 3; UL Environment Gold; TUV; Cisco EnergyWise compatible</p> <p>Accessories</p> <p>For compatible accessories, please go to TC-AQP sheet</p>	
Disk	Some: hard disk, 2.5" Wide, 5400 or 7200 rpm, Active Protection System™ Some: 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, 2.5" wide							
Optical	Some: Solid State Drive (SSD) / 2.5" Wide Some: external optical box with slim DVD-ROM, 12.7mm high, tray-in, via USB Some: 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; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 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)						<p>Some: Windows 8.1 64-bit Some: Windows 8.1 Pro 64-bit Web install applications (only some listed)</p> <ul style="list-style-type: none"> • Password Manager • 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 	
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	Some: 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 Some: 11b/g/n wireless, PCIe Half Mini Card, Realtek RTL8192EE, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2 Some: 11ac/b/g/n wireless, PCIe Half Mini Card, Broadcom BCM4352, dual band (2.4/5GHz), Wi-Fi + Bluetooth 4.0 combo adapter, 2x2 Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 7260, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2 Some: 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™	Some: 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						<p>Environment</p> <p>ENERGY STAR® 6.0; EPEAT™ Gold rating (U.S.); GREENGUARD®; RoHS-compliant; ErP Lot 3; UL Environment Gold; TUV; Cisco EnergyWise compatible</p> <p>Accessories</p> <p>For compatible accessories, please go to TC-AQP sheet</p>	
Security chip	Trusted Platform Module, TCG 1.2-compliant							
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 							

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