

ThinkCentre M93z AIO 10AF0017++

Region WE	Keyboard / Mouse USB
Machine Type 10AF	Intel vPro None
TopSeller TopSeller	Global(G) None
Processor i5-4460S	Preload Win7 Pro64 DG Win8.1
Memory 4GBx1	Warranty 3-year, onsite
Display 23.0" FHD	Ann date (mm/yy) 07/14
Camera 2.0M	
Storage 500GB 7200 rpm	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
Optical DVD±RW	
Graphics Intel HD Graphics 4600	
Multi-touch No	
WLAN Intel N7260 b/g/n	
Media reader Media	
Light sensor Light sensor	
Serial &PS/2 port None	
Chassis Intrusion switch Switch	
Stand type Frame	



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ThinkCentre M93z Platform Specifications

Product Specifications Reference (PSREF)

Lenovo

Processor	Intel® I Pentium® or 4th Generation Intel Core™ i3 / i5 / i7 Processors						Manageability	Intel Active Management Technology 9.0 (Intel AMT 9.0); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)																					
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	Security chip	Trusted Platform Module (TPM 1.2-compliant)																					
	Pentium G3220	2 / 2	3 GHz	3 MB	DDR3-1333	Intel HD	Security features	- Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) - Power-on, Admin, Hard disk password - Boot sequence control - Boot without keyboard and mouse - Individual USB port disablement - Optional Chassis intrusion switch																					
	Pentium G3240	2 / 2	3.1 GHz	3 MB	DDR3-1333	Intel HD	Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo																					
	Core i3-4130	2 / 4	3.4 GHz	3 MB	DDR3-1600	HD 4400	Mouse	<i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black																					
	Core i3-4150	2 / 4	3.5 GHz	3 MB	DDR3-1600	HD 4400		<i>Some:</i> Enhanced Optical USB Mouse, black, Lenovo logo																					
	Core i3-4330	2 / 4	3.5 GHz	4 MB	DDR3-1600	HD 4600		<i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																					
	Core i5-4430S	4 / 4	2.7 GHz / 3.2 GHz	6 MB	DDR3-1600	HD 4600	Mechanical	- Business black color - Toolless back cover, stand, disk, optical drive, memory removal - Support VESA mount (100mm)																					
	Core i5-4440S	4 / 4	2.8 GHz / 3.3 GHz	6 MB	DDR3-1600	HD 4600		<table><tr><th>Optional Stand</th><th>Dimensions (WxDxH)</th><th>Weight</th><th>Adjustments</th></tr><tr><td>Non-touch model(s) with frame stand:</td><td>22.4 X 3.6 X 17.6 (inch); 568 X 92.5 X 447.3 (mm)</td><td>21.3 lb; 9.68 kg</td><td rowspan="2">Tilt: 10° to 45° back</td></tr><tr><td>Multi-touch model(s) with frame stand:</td><td>22.4 X 3.7 X 17.6 (inch); 568 X 93.1 X 447.3 (mm)</td><td>24.7 lb; 11.22 kg</td></tr><tr><td>Non-touch model(s) with monitor stand:</td><td>22.4 X 9.7 X 17.4 to 21.7 (inch); 568 X 247 X 441.2 to 551.2 (mm)</td><td>25.5 lb; 11.58 kg</td><td rowspan="2">Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45°</td></tr><tr><td>Multi-touch model(s) with monitor stand:</td><td>22.4 X 9.7 X 17.4 to 21.7 (inch); 568 X 247 X 441.2 to 551.2 (mm)</td><td>28.9 lb; 13.12 kg</td></tr></table>				Optional Stand	Dimensions (WxDxH)	Weight	Adjustments	Non-touch model(s) with frame stand:	22.4 X 3.6 X 17.6 (inch); 568 X 92.5 X 447.3 (mm)	21.3 lb; 9.68 kg	Tilt: 10° to 45° back	Multi-touch model(s) with frame stand:	22.4 X 3.7 X 17.6 (inch); 568 X 93.1 X 447.3 (mm)	24.7 lb; 11.22 kg	Non-touch model(s) with monitor stand:	22.4 X 9.7 X 17.4 to 21.7 (inch); 568 X 247 X 441.2 to 551.2 (mm)	25.5 lb; 11.58 kg	Tilt: 45° back, -5° forward; Lift: 110mm; Swivel: +/-45°	Multi-touch model(s) with monitor stand:	22.4 X 9.7 X 17.4 to 21.7 (inch); 568 X 247 X 441.2 to 551.2 (mm)	28.9 lb; 13.12 kg
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	Core i5-4460S	4 / 4	2.9 GHz / 3.4 GHz	6 MB	DDR3-1600	HD 4600	Power supply	150 watts, autosensing, 85% PSU																					
	Core i5-4570S	4 / 4	2.9 GHz / 3.6 GHz	6 MB	DDR3-1600	HD 4600	Limited warranty ³	<i>Some:</i> 3-year, depot repair service <i>Some:</i> 1-year or 3-years, limited onsite service <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / For Lenovo service upgrade options, please go to S-TC sheet																					
	Core i5-4570T	2 / 4	2.9 GHz / 3.6 GHz	4 MB	DDR3-1600	HD 4600	Preload	<i>Some:</i> Windows® 7 Professional 64 <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8/8.1 Pro 64 Ready to install applications (only some listed) - Rescue and Recovery™ - Password Manager Preloaded applications (only some listed) - ThinkVantage® Product Recovery - ThinkVantage System Update - ThinkVantage Communication Utility - ThinkVantage Device Experience - ThinkVantage AutoLock - Desktop Power Manager - View Management Utility - Lenovo Solution Center - 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 - Lenovo Solutions for Small Business - Nitro Pro																					
	Core i5-4590S	4 / 4	3 GHz / 3.7 GHz	6 MB	DDR3-1600	HD 4600		<i>Some:</i> Windows 8 Pro 64-bit <i>Some:</i> Windows 8.1 Pro 64-bit Web install applications (only some listed) - Password Manager Preloaded applications (only some listed) - ThinkVantage System Update - ThinkVantage AutoLock - Desktop Power Manager - View Management Utility (for Windows 8 only) - Lenovo Solution Center - Lenovo Support - 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® - Lenovo Solutions for Small Business - Nitro Pro - AccuWeather - Norton™ Studio - Pokki (for Windows 8.1 only) - Hightail (for Windows 8.1 only)																					
	Core i5-4670S	4 / 4	3.1 GHz / 3.8 GHz	6 MB	DDR3-1600	HD 4600	Environment	EPEAT™ Gold rating; ENERGY STAR® 6.0-compliant; TCO Certified Edge; TUV Green Mark; ULE Gold; EuP 2013; Cisco EnergyWise compatible; GREENGUARD® certified; RoHS-compliant																					
	Core i7-4770S	4 / 8	3.1 GHz / 3.9 GHz	8 MB	DDR3-1600	HD 4600	Accessories	For compatible accessories, please go to TC-AQP sheet																					
	Core i7-4790S	4 / 8	3.2 GHz / 4 GHz	8 MB	DDR3-1600	HD 4600																							
Memory	16GB max, PC3-12800 1600MHz DDR3* , two 204-pin SODIMM sockets (notebook) *System automatically clocks down for processors with 1333MHz memory controller																												
Disk	<i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm <i>Some:</i> 500GB (5400 rpm, 2.5" wide) or 1TB (7200 rpm, 3.5" wide) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide																												
Optical	<i>Some:</i> DVD, SATA 1.5Gb/s, 12.7mm high <i>Some:</i> DVD burner, SATA 1.5Gb/s, 12.7mm high																												
Media reader	Optional 11-in-1 media card reader																												
Graphics	Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX® 11, external monitor support via DisplayPort™, supports dual independent display; <i>Max resolution:</i> 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]																												
Display	23.0" (584.2mm) Full HD 1080p (1920x1080) TFT color , IPS panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, work as standalone monitor via VGA-in connector Optional ambient light sensor																												
Light sensor	Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch																												
Multi-touch	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off																												
Camera	Microphone mute (OSD exit), monitor mode switch (OSD enter), volume up/down buttons (OSD left/right buttons), and power button																												
Controls																													
Chipset	Intel Q87 Chipset																												
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort-out, VGA-in, optional serial (9-pin), optional keyboard (PS/2), optional mouse (PS/2)																												
Side ports	Two USB 3.0 (one Always On / Powered), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)																												
PCIe Mini Card	One PCI Express Mini Card slot (half size, for WLAN)																												
Audio support	High Definition (HD) Audio, Realtek ALC283 / two internal stereo speakers (3W x 2), Dolby® Advanced Audio™ v2 certified, Microsoft Lync™ certified																												
WLAN ¹³	<i>Some:</i> 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 <i>Some:</i> 11b/g/n, PCIe Half Mini Card, Intel Centrino Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 <i>Some:</i> 11a/b/g/n, PCIe Half Mini Card, Intel Centrino Advanced-N 6235, Wi-Fi + Bluetooth combo adapter, Intel vPro technology support, 2x2 <i>Some:</i> 11b/g/n, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi/BT 4.0, 2x2 <i>Some:</i> 11ac/a/b/g/n, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo adapter, Intel vPro technology support, 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®																												

See footnotes for more detailed information

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