

ThinkCentre E93z Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 4th Generation Intel Core™ i3 / i5 / i7 Processors						Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo Slim New F5 USB Keyboard (USB connector), black <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 (Base/Max)	Cache	Memory Types	Integrated Graphics	Mouse																
	Celeron G1820	2 / 2	2.7 GHz	2 MB	DDR3-1333	Intel HD																	
	Pentium G3220	2 / 2	3 GHz	3 MB	DDR3-1333	Intel HD																	
	Pentium G3420	2 / 2	3.2 GHz	3 MB	DDR3-1600	Intel HD																	
	Core i3-4130	2 / 4	3.4 GHz	3 MB	DDR3-1600	HD 4400																	
	Core i3-4150	2 / 4	3.5 GHz	3 MB	DDR3-1600	HD 4400																	
	Core i5-4430S	4 / 4	2.7 GHz / 3.2 GHz	6 MB	DDR3-1600	HD 4600																	
	Core i5-4440S	4 / 4	2.8 GHz / 3.3 GHz	6 MB	DDR3-1600	HD 4600																	
	Core i5-4460S	4 / 4	2.9 GHz / 3.4 GHz	6 MB	DDR3-1600	HD 4600																	
	Core i5-4570S	4 / 4	2.9 GHz / 3.6 GHz	6 MB	DDR3-1600	HD 4600																	
	Core i5-4670S	4 / 4	3.1 GHz / 3.8 GHz	6 MB	DDR3-1600	HD 4600																	
	Core i7-4770S	4 / 8	3.1 GHz / 3.9 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						Mechanical	<ul style="list-style-type: none"> Business black color Support VESA mount (100mm) <table border="1"> <thead> <tr> <th colspan="2">Dimensions (WxDxH) and Weight (Maximum)</th> </tr> </thead> <tbody> <tr> <td><i>Non-touch models</i></td> <td>21.02" X 1.91" X 15.20"; 534mm X 48.5mm X 386 mm; 14.55 lb (6.6 kg) in maximum configuration</td> </tr> <tr> <td><i>Touch models</i></td> <td>21.02" X 1.95" X 15.20"; 534mm X 49.6mm X 386 mm; 16.31 lb (7.4 kg) in maximum configuration</td> </tr> <tr> <th colspan="2">Optional Stand</th> </tr> <tr> <td><i>With Frame Stand</i></td> <td>Adjustable between 10° and 65° (Tilt)</td> </tr> <tr> <td><i>With Monitor Stand</i></td> <td>Adjustable between -5° and 45° (Tilt)</td> </tr> <tr> <td><i>With UltraFlex Stand</i></td> <td>Tilt: 65° back, 0° forward; Lift: 110mm; Swivel: +/-90°</td> </tr> </tbody> </table>		Dimensions (WxDxH) and Weight (Maximum)		<i>Non-touch models</i>	21.02" X 1.91" X 15.20"; 534mm X 48.5mm X 386 mm; 14.55 lb (6.6 kg) in maximum configuration	<i>Touch models</i>	21.02" X 1.95" X 15.20"; 534mm X 49.6mm X 386 mm; 16.31 lb (7.4 kg) in maximum configuration	Optional Stand		<i>With Frame Stand</i>	Adjustable between 10° and 65° (Tilt)	<i>With Monitor Stand</i>	Adjustable between -5° and 45° (Tilt)	<i>With UltraFlex Stand</i>	Tilt: 65° back, 0° forward; Lift: 110mm; Swivel: +/-90°
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Disk	<i>Some:</i> SATA 3.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm <i>Some:</i> 500GB (5400 rpm, 2.5" wide) or 1TB (5400 rpm, 2.5" 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						Power supply	<i>Some:</i> 150 watts, autosensing, 85% PSU <i>Some:</i> 180 watts, autosensing, 92% PSU															
Optical	<i>Some:</i> DVD, SATA 1.5Gb/s, 12.7mm high <i>Some:</i> DVD burner, SATA 1.5Gb/s, 12.7mm high						Limited warranty ³	<i>Some:</i> 1-year or 3-years, limited onsite service / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i>															
Media reader	Optional 11-in-1 media card reader						Preload	<i>Some:</i> Windows® 7 Professional 64 <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64 <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 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 ThinkVantage Device Experience ThinkVantage AutoLock Desktop Power Manager View Management Utility Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Support Norton Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Microsoft Office preloaded; purchase a product key to activate Cyberlink PowerDVD (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) 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 															
Graphics	Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX® 11.1, external monitor support via HDMI, supports dual independent display; <i>Max resolution:</i> 1920x1080 (panel)@60Hz; 1920x1080 (HDMI)@60Hz <i>Some:</i> NVIDIA GeForce® GT 720A , PCI Express® x16, 1GB memory, DirectX® 11, external monitor support via HDMI, supports dual independent display; <i>Max resolution:</i> 1920x1080 (panel)@60Hz; 1920x1080 (HDMI)@60Hz							<i>Some:</i> Windows 8 64-bit <i>Some:</i> Windows 8.1 64-bit <i>Some:</i> Windows 8 Pro 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 ThinkVantage AutoLock Desktop Power Manager View Management Utility (for Windows 8 only) Lenovo Cloud Storage by SugarSync (for Windows 8 only) Lenovo Solution Center Lenovo Support Lenovo Companion 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) 															
Display	21.5" (546.1mm) Full HD 1080p (1920x1080) TFT color , wide viewing angle (+/- 85°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, infinity display, work as standalone monitor via HDMI-in connector																						
Light sensor	None																						
Multi-touch	Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch																						
Camera	Camera on top of screen, 2.0-megapixel, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off																						
Controls	Monitor mode / computer mode button, volume up/down buttons, and power button																						
Chipset	Intel B85 Chipset																						
Rear ports	Four USB 2.0, ethernet (RJ-45), HDMI-out, HDMI-in																						
Side ports	Two USB 3.0 (one Always On USB 3.0), one headphone / microphone combo jack (stereo, 3.5mm), one optional media card reader																						
PCIe Mini Card	Two PCI Express® Mini Card slots																						
Audio support	High Definition (HD) Audio, Realtek ALC283CG / two 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> 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, 2x2																						
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter																						
Ethernet	One gigabit ethernet port, Intel I217-V, Wake on LAN®																						
Manageability	None																						
Security chip	None																						
Security features	<ul style="list-style-type: none"> Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) Power-on and Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement 																						
Environment	ENERGY STAR® 6.0-compliant; EuP 2013; GREENGUARD®; RoHS-compliant																						
Accessories	For compatible accessories, please go to TC-AQP sheet																						

See footnotes for more detailed information

Model	10CX002E++
Product	E93z AIO
Region	WE
Machine Type	10CX
TopSeller	TopSeller
Processor	i5-4460S
Memory	8GBx1
Display	21.5" FHD
Multi-Touch	Touch
Camera	2.0M
Storage	180G SSD
Optical	DVD±RW
Graphics	Intel HD Graphics 4600
WLAN	Intel N7260 b/g/n
Media reader	Media
Stand Type	UltraFlex
Keyboard / Mouse	2.4G
Power adapter	150W
Global(G)	None
Preload	Win8.1 Pro64
Warranty	3-year, onsite
Ann Date (mm/yy)	12/14







