

ThinkCentre E93z Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 4th Generation Intel Core™ i3 / i5 / i7 Processors						Keyboard	Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo Slim New F5 USB Keyboard (USB connector), black Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: 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								
Disk	Some: SATA 3.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm Some: 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 Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide								
Optical	Some: DVD, SATA 1.5Gb/s, 12.7mm high Some: DVD burner, SATA 1.5Gb/s, 12.7mm high								
Media reader	Optional 11-in-1 media card reader								
Graphics	Intel HD Graphics 4400/4600 in processor, uses main memory, DirectX® 11.1, external monitor support via HDMI, supports dual independent display; Max resolution: 1920x1080 (panel)@60Hz; 1920x1080 (HDMI)@60Hz Some: NVIDIA GeForce® GT 720A , PCI Express® x16, 1GB memory, DirectX® 11, external monitor support via HDMI, supports dual independent display; Max resolution: 1920x1080 (panel)@60Hz; 1920x1080 (HDMI)@60Hz								
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	Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1 Some: 11b/g/n, PCIe Half Mini Card, Intel Centrino Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2 Some: 11b/g/n, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi/BT 4.0, 2x2 Some: 11ac/a/b/g/n, PCIe Half Mini Card, Intel Dual Band Wireless-AC 7260, Wi-Fi + BT combo adapter, 2x2								
Bluetooth™	Some: 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	● 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	