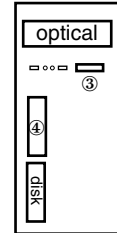


# ThinkCentre E73 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Pentium® or 4th Generation Intel Core™ i3 / i5 / i7 Processors						Manageability None Security chip None Security features <ul style="list-style-type: none"> <li>• One lock to secure both cover and entire system to fixed object:                         <ul style="list-style-type: none"> <li>-Padlock loop (in rear for opt padlock)</li> <li>-Security slot (in rear for optional Kensington® MicroSaver® cable)</li> <li>• Power-on password</li> </ul> </li> <li>• Administrator password</li> <li>• Hard disk password</li> <li>• Boot sequence control</li> <li>• Boot without keyboard and mouse</li> <li>• Individual USB port disablement</li> </ul>
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	
	Pentium G3220	2 / 2	3 GHz	3 MB	DDR3-1333	Intel HD	
	Pentium G3240	2 / 2	3.1 GHz	3 MB	DDR3-1333	Intel HD	
	Pentium G3250	2 / 2	3.2 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 i3-4150	2 / 4	3.6 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 i7-4770S	4 / 8	3.1 GHz / 3.9 GHz	8 MB	DDR3-1600	HD 4600		
Core i7-4790S	4 / 8	3.2 GHz / 4 GHz	8 MB	DDR3-1600	HD 4600		
Memory	16GB max, <b>UDIMM, PC3-12800 1600MHz DDR3</b> , two 240-pin DIMM sockets *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) hybrid hard disk / with 8GB MLC NAND flash memory, SATA 6.0Gb/s						
Optical	<i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide <i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive <i>Some:</i> Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive						
Onboard SATA	SATA cables match SATA devices (each 1-drop to device), one SATA 3.0Gb/s connector (for optical) and two SATA 6.0Gb/s connectors (for HDD/SSD) on planar						
Media reader	Optional 9-in-1 media reader, internal USB 2.0						
Graphics	<b>Intel HD Graphics</b> or <b>Intel HD Graphics 4400/4600</b> in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution:</i> 2560x1600 (DisplayPort)@60Hz; 1920x1200 (VGA)@60Hz (Reduced Blanking) <i>Some:</i> <b>NVIDIA® GeForce® GT 620</b> , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one VGA, one DisplayPort, 30 watts; <i>Max resolution:</i> 2560x1600 (DisplayPort)@60Hz; 2048x1536 (VGA)@85Hz None						
DP cable	None						
Chipset	<b>Intel H81 Chipset</b>						
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)						
Rear ports	Two USB 3.0, two USB 2.0, optional serial (9-pin)*, optional parallel (25-pin)*, ethernet (RJ-45), VGA DB-15, DisplayPort * Please see the detailed configuration on top						
Rear audio ports	additional VGA, DisplayPort, or HDMI on optional graphic card on some models Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)						
IEEE 1394	None						
Audio support	High Definition (HD) Audio, Realtek® ALC662 codec / internal speaker for business audio						
WLAN <sup>13</sup>	<i>Some:</i> 11b/g/n, PCIe Half Mini Card, Realtek RTL8723BE, Wi-Fi/BT 4.0, 1x1 <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 + BT 4.0 combo adapter, 2x2 <i>Some:</i> 11b/g/n, PCIe Half Mini Card, Intel Wireless-N 7260, Wi-Fi/BT 4.0, 2x2						
Bluetooth™	<i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter						
Ethernet	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®						
Modem	None						
Keyboard	<i>Some:</i> Preferred Pro USB Keyboard (USB connector), Lenovo logo <i>Some:</i> Lenovo® Slim USB Keyboard (USB connector), black, Lenovo logo						
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo						
Mechanical	<ul style="list-style-type: none"> <li>• Glossy black bezel; metal case</li> <li>• 6.3" W X 15.7" D X 15.6" H (with handle)</li> <li>• 160mm W X 400mm D X 397mm H</li> <li>• 16.5 lb (7.5 kg) in maximum configuration</li> <li>• Ergonomic rubberized handle</li> <li>• Highlighted optical drive button for easy access</li> </ul> Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 1.5", .35" high, access, optnl reader* Bay 4: 3.5", 1" high, no access, opt 2nd 2.5" disk** *bay only available on models with media reader installed **3.5" to 2.5" bracket comes with optional 2nd 2.5" disk Slot 1: half-length, full-height, PCI Express® 3.0 x16 (60w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, PCIe 2.0 x1						
Power supply	<i>Some:</i> 180 watts, universal, autosensing <i>Some:</i> 180 watts, universal, autosensing, 85% PSU <i>Some:</i> 280 watts, universal, autosensing, 85% PSU						
Limited warranty <sup>3</sup>	<i>Some:</i> <b>1-years, limited onsite service</b> / service upgrades available <i>Some:</i> <b>3-years, limited onsite service</b> / service upgrades available For Lenovo service upgrade options, please go to S-TC sheet						
Preload	<b>Preloaded operating system</b> <i>Some:</i> No operating system <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit						
	<b>Ready to install applications</b> (only some listed) <ul style="list-style-type: none"> <li>• Rescue and Recovery™</li> <li>• Password Manager</li> </ul> <b>Preloaded applications</b> (only some listed) <ul style="list-style-type: none"> <li>• ThinkVantage® Product Recovery</li> <li>• ThinkVantage System Update</li> <li>• ThinkVantage Communication Utility</li> <li>• ThinkVantage Power Manager</li> <li>• ThinkVantage Device Experience</li> <li>• View Management Utility</li> <li>• Lenovo Cloud Storage by SugarSync</li> <li>• Lenovo Solution Center</li> <li>• Lenovo Message Center Plus</li> <li>• Norton™ Internet Security (30 days of virus definitions)</li> <li>• Adobe® Reader®</li> <li>• Skype™</li> <li>• Evernote®</li> <li>• Microsoft® Office preloaded; purchase a product key to activate</li> <li>• Cyberlink Power2Go (DVD±RW)</li> <li>• Cyberlink PowerProducer (DVD±RW)</li> <li>• Nitro Pro</li> </ul>						
Environment	ENERGY STAR® 6.0 (Need 85% PSU and Windows OS); EPEAT™ Silver rating (Need 85% PSU and Windows OS); GREENGUARD® certified; RoHS-compliant; ErP Lot 3 (Need 85% PSU)						
Accessories	For compatible accessories, please go to TC-AQP sheet						



See footnotes for more detailed information