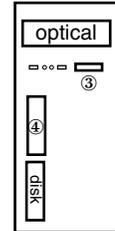


# ThinkCentre E73 Tower Platform Specifications

Product Specifications Reference (PSREF)

|                               |  |                   |                      |           |              |                     |  |
|-------------------------------|--|-------------------|----------------------|-----------|--------------|---------------------|--|
| Processor                     | Intel® Pentium® or 4th Generation Intel Core™ i3 / i5 / i7 Processors  |                   |                      |           |              |                     | Manageability None<br>Security chip None<br>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<br>*System automatically clocks down for processors with 1333MHz memory controller   |                   |                      |           |              |                     |  |
| Disk                          | <i>Some:</i> SATA 6.0Gb/s, 3.5" Wide, 7200 rpm<br><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<br><i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive<br><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)<br><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<br>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<br>* Please see the detailed configuration on top  |                   |                      |           |              |                     |  |
| Rear audio ports              | additional VGA, DisplayPort, or HDMI on optional graphic card on some models<br>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<br><i>Some:</i> 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1<br><i>Some:</i> 11b/g/n, PCIe Half Mini Card, Intel Centrino Wireless-N 2230, Wi-Fi + BT 4.0 combo adapter, 2x2<br><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<br><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<br>Bay 2: 3.5", 1" high, no access, std disk<br>Bay 3: 1.5", .35" high, access, optnl reader*<br>Bay 4: 3.5", 1" high, no access, opt 2nd 2.5" disk**<br>*bay only available on models with media reader installed<br>**3.5" to 2.5" bracket comes with optional 2nd 2.5" disk<br>Slot 1: half-length, full-height, PCI Express® 3.0 x16 (60w max)<br>Slot 2: half-length, full-height, PCIe 2.0 x1<br>Slot 3: half-length, full-height, PCIe 2.0 x1  |                   |                      |           |              |                     |  |
| Power supply                  | <i>Some:</i> 180 watts, universal, autosensing<br><i>Some:</i> 180 watts, universal, autosensing, 85% PSU<br><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<br><i>Some:</i> <b>3-years, limited onsite service</b> / service upgrades available<br>For Lenovo service upgrade options, please go to S-TC sheet  |                   |                      |           |              |                     |  |
| Preload                       | <b>Preloaded operating system</b><br><i>Some:</i> No operating system<br><i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit<br><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)<br><ul style="list-style-type: none"> <li>• Rescue and Recovery™</li> <li>• Password Manager</li> </ul> <b>Preloaded applications</b> (only some listed)<br><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

| <b>Model</b>     | <b>10DS000H++</b>              |
|------------------|--------------------------------|
| Product          | E73 Tower                      |
| Region           | WE                             |
| Machine Type     | 10DS                           |
| TopSeller        | TopSeller                      |
| Slot x Bay       | 3x4                            |
| Processor        | i5-4460S                       |
| Memory           | 4GBx1                          |
| Storage          | 500G 7200 rpm                  |
| Optical          | DVD±RW                         |
| WLAN             | None                           |
| Media Reader     | Media                          |
| Graphics         | Intel HD Graphics 4600         |
| Parallel Port    | Parallel                       |
| Serial Port      | Serial                         |
| Floor Stand      | None                           |
| Keyboard / Mouse | USB(slim)                      |
| Cable Lock       | None                           |
| Power Supply     | 180W ES                        |
| ENERGY STAR 6.0  | ES6.0                          |
| Global           | None                           |
| Preload          | Windows 7 Pro64 DG Windows 8.1 |
| Warranty         | 1-year, onsite                 |
| Ann Date (mm/yy) | 03/15                          |





