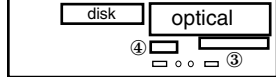


ThinkCentre M73 SFF Platform Specifications

Product Specifications Reference (PSREF)

| Processor | Intel® Celeron®, Intel Pentium®, or 4th Generation Intel Core™ i3 / i5 / i7 Processors | | | | | | Manageability | None | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|--|-------------------|----------------------|-----------|--------------|--|---|-----------------|----------------------|-------|--------------|---------------------|---------------|-------|---------|------|-----------|----------|---------------|-------|---------|------|-----------|----------|---------------|-------|---------|------|-----------|----------|---------------|-------|---------|------|-----------|----------|---------------|-------|---------|------|-----------|----------|--------------|-------|---------|------|-----------|---------|--------------|-------|---------|------|-----------|---------|--------------|-------|-------------------|------|-----------|---------|--------------|-------|-------------------|------|-----------|---------|--------------|-------|-------------------|------|-----------|---------|---------------|--|
| | <table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency (Base/Max)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron G1820</td> <td>2 / 2</td> <td>2.7 GHz</td> <td>2 MB</td> <td>DDR3-1333</td> <td>Intel HD</td> </tr> <tr> <td>Pentium G3220</td> <td>2 / 2</td> <td>3.0 GHz</td> <td>3 MB</td> <td>DDR3-1333</td> <td>Intel HD</td> </tr> <tr> <td>Pentium G3240</td> <td>2 / 2</td> <td>3.1 GHz</td> <td>3 MB</td> <td>DDR3-1333</td> <td>Intel HD</td> </tr> <tr> <td>Pentium G3420</td> <td>2 / 2</td> <td>3.2 GHz</td> <td>3 MB</td> <td>DDR3-1600</td> <td>Intel HD</td> </tr> <tr> <td>Pentium G3440</td> <td>2 / 2</td> <td>3.3 GHz</td> <td>3 MB</td> <td>DDR3-1600</td> <td>Intel HD</td> </tr> <tr> <td>Core i3-4130</td> <td>2 / 4</td> <td>3.4 GHz</td> <td>3 MB</td> <td>DDR3-1600</td> <td>HD 4400</td> </tr> <tr> <td>Core i3-4150</td> <td>2 / 4</td> <td>3.5 GHz</td> <td>3 MB</td> <td>DDR3-1600</td> <td>HD 4400</td> </tr> <tr> <td>Core i5-4570</td> <td>4 / 4</td> <td>3.2 GHz / 3.6 GHz</td> <td>6 MB</td> <td>DDR3-1600</td> <td>HD 4600</td> </tr> <tr> <td>Core i5-4590</td> <td>4 / 4</td> <td>3.3 GHz / 3.7 GHz</td> <td>6 MB</td> <td>DDR3-1600</td> <td>HD 4600</td> </tr> <tr> <td>Core i7-4770</td> <td>4 / 8</td> <td>3.4 GHz / 3.9 GHz</td> <td>8 MB</td> <td>DDR3-1600</td> <td>HD 4600</td> </tr> </tbody> </table> | | | | | | Processor | Cores / Threads | Frequency (Base/Max) | Cache | Memory Types | Integrated Graphics | Celeron G1820 | 2 / 2 | 2.7 GHz | 2 MB | DDR3-1333 | Intel HD | Pentium G3220 | 2 / 2 | 3.0 GHz | 3 MB | DDR3-1333 | Intel HD | Pentium G3240 | 2 / 2 | 3.1 GHz | 3 MB | DDR3-1333 | Intel HD | Pentium G3420 | 2 / 2 | 3.2 GHz | 3 MB | DDR3-1600 | Intel HD | Pentium G3440 | 2 / 2 | 3.3 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 i5-4570 | 4 / 4 | 3.2 GHz / 3.6 GHz | 6 MB | DDR3-1600 | HD 4600 | Core i5-4590 | 4 / 4 | 3.3 GHz / 3.7 GHz | 6 MB | DDR3-1600 | HD 4600 | Core i7-4770 | 4 / 8 | 3.4 GHz / 3.9 GHz | 8 MB | DDR3-1600 | HD 4600 | Security chip | Optional Trusted Platform Module (TPM 1.2-compliant) |
| | Processor | Cores / Threads | Frequency (Base/Max) | Cache | Memory Types | Integrated Graphics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Celeron G1820 | 2 / 2 | 2.7 GHz | 2 MB | DDR3-1333 | Intel HD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Pentium G3220 | 2 / 2 | 3.0 GHz | 3 MB | DDR3-1333 | Intel HD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Pentium G3240 | 2 / 2 | 3.1 GHz | 3 MB | DDR3-1333 | Intel HD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Pentium G3420 | 2 / 2 | 3.2 GHz | 3 MB | DDR3-1600 | Intel HD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Pentium G3440 | 2 / 2 | 3.3 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 i5-4570 | 4 / 4 | 3.2 GHz / 3.6 GHz | 6 MB | DDR3-1600 | HD 4600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Core i5-4590 | 4 / 4 | 3.3 GHz / 3.7 GHz | 6 MB | DDR3-1600 | HD 4600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Core i7-4770 | 4 / 8 | 3.4 GHz / 3.9 GHz | 8 MB | DDR3-1600 | HD 4600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | Security features | <ul style="list-style-type: none"> One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) Power-on password Administrator password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Optional Chassis intrusion switch | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | Keyboard Mouse | Preferred Pro USB Keyboard (USB connector), Lenovo logo Enhanced Optical USB Mouse, black, Lenovo logo | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | Mechanical | <ul style="list-style-type: none"> Business black color; metal case 13.2" W X 15.0" D X 3.9" H 335mm W X 382mm D X 101mm H 14.6 lb (6.6 kg) in maximum configuration Highlighted optical drive button for easy access  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Memory | | | | | | 16GB max, UDIMM, PC3-12800 1600MHz DDR3 , 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) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Optical | | | | | | <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide <i>Some:</i> DVD-ROM DL 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 | | | | | | Intel HD Graphics or Intel HD Graphics 4400/4600 in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display; <i>Max resolution:</i> 3840x2160 (DP) @60Hz [HD 4x00]; 2560x1600 (DP) @60Hz [Intel HD]; 1920x1200 (VGA) @60Hz (Reduced Blanking) <i>Some:</i> AMD Radeon™ HD 8470 , DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express® 2.0 x16 adapter, one VGA, one DisplayPort, 25 watts, <i>Max resolution:</i> 2560x1600 (DisplayPort) @60Hz; 2048x1536 (VGA) @85Hz <i>Some:</i> AMD Radeon HD 7450 , DirectX 11, 3D Hardware Acceleration, 1GB, PCI Express 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort, 25 watts; <i>Max resolution:</i> 2560x1600 (DisplayPort, DVI-I) @60Hz <i>Some:</i> NVIDIA® GeForce® GT 620 , 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DP cable | | | | | | None | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chipset | | | | | | Intel H81 Chipset | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Front ports | | | | | | Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rear ports | | | | | | Two USB 3.0, two USB 2.0, two optional USB 2.0, serial (9-pin), optional 2nd serial (9-pin), optional parallel (25-pin), PS/2 (keyboard/mouse), ethernet (RJ-45), VGA, DisplayPort | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rear audio ports IEEE 1394 | | | | | | additional VGA, DisplayPort, or HDMI on optional graphic card on some models Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm) None | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Audio support | | | | | | High Definition (HD) Audio, Realtek® ALC662 codec / Optional internal speaker for business audio (1 watt) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WLAN ¹³ | | | | | | <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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limited warranty ³ | | | | | | <i>Some:</i> 3-years, limited onsite service / service upgrades available <i>Some:</i> 3-years, limited onsite service, OID (Onsite International Delivery) / service upgrades available <i>For Lenovo service upgrade options, please go to S-TC sheet</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Preload | | | | | | Preloaded operating system <i>Some:</i> Windows® 7 Home Premium 64 <i>Some:</i> Windows 7 Professional 64 <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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 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 Power Manager View Management Utility PC Device Stage Lenovo Cloud Storage by SugarSync Lenovo Solution Center Lenovo Message Center Plus Norton™ Internet Security (30 days of virus definitions) Adobe® Reader® Skype™ Evernote® Microsoft® Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW) Cyberlink PowerProducer (DVD±RW) Nitro Pro | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Environment | | | | | | ENERGY STAR® 6.0 (Need 85% PSU and Windows OS); EPEAT™ Gold rating (Need 85% PSU and Windows OS); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Accessories | | | | | | For compatible accessories, please go to TC-AQP sheet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

See footnotes for more detailed information