

# Lenovo S510 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Manageability	None																																																
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron G3900</td> <td>2 / 2</td> <td>2.8 G</td> <td>2 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Pentium G4400</td> <td>2 / 2</td> <td>3.3G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Core i3-6100</td> <td>2 / 4</td> <td>3.7 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i3-6320</td> <td>2 / 4</td> <td>3.9 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6400</td> <td>4 / 4</td> <td>2.7 G / 3.3 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i5-6500</td> <td>4 / 4</td> <td>3.2 G / 3.6 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> <tr> <td>Core i7-6700</td> <td>4 / 8</td> <td>3.4 G / 4.0 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	Core i3-6320	2 / 4	3.9 G	4 MB	DDR4-2133	HD 530	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	Security chip	None
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Memory	32GB max, UDIMM, DDR4 2133, two 288-pin DIMM sockets, dual-channel capable	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>USB port disablement</li> </ul>																																																
Disk	Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide	Keyboard	Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo																																																
Optical	Some: DVD-ROM DL SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive	Mouse	Enhanced Optical USB Mouse, black, Lenovo logo																																																
Onboard SATA	Three onboard SATA 6.0Gb/s connectors (for HDD/SSD and ODD)	Mechanical	<ul style="list-style-type: none"> <li>Tower (20L for chassis, 24L for chassis and front bezel), black color, metal case</li> <li>6.3" W X 16.7" D X 15.5" H</li> <li>160mm W X 424mm D X 394mm H</li> <li>13.7 lb (6.2 kg) in maximum configuration</li> <li>Bay 1: 5.25, 1.6" high, external, optical</li> <li>Bay 2: 3.5", 1" high, internal, std disk</li> <li>Bay 3: 3.5", 1" high, internal, std disk</li> <li>Bay 4: N/A, N/A, access, opt reader</li> <li>Slot 1: half-length, full-height, PCIe 3.0 x16</li> <li>Slot 2: M.2 slot (for WLAN)</li> </ul>																																																
Media reader	Optional 10-in-1 media reader	Power supply	180 watts, autosensing, 85% PSU																																																
Graphics	<b>Intel HD Graphics 510/530</b> in processor, uses main memory, DirectX® 12, one VGA, one DisplayPort™, supports two independent displays, works along with discrete graphics to support more displays; <i>Max resolution:</i> 4096x2304 (DP)@60Hz; 1920x1200 (VGA)@60Hz Some: <b>NVIDIA Geforce® GT 720</b> , DirectX 12, 2GB, PCIe 3.0 x8 adapter, one VGA, one HDMI, 25 watts; <i>Max resolution:</i> 1920x1080 (HDMI)@60Hz; 2048x1536 (VGA)@85Hz Some: <b>NVIDIA Geforce GT 720</b> , DirectX 12, 1GB, PCIe 3.0 x8 adapter, one VGA, one HDMI, 25 watts; <i>Max resolution:</i> 1920x1080 (HDMI)@60Hz; 2048x1536 (VGA)@85Hz	Limited warranty <sup>3</sup>	Some: <b>1-year</b> or <b>3-year, depot service</b> Some: <b>1-year</b> or <b>3-year, limited onsite service</b> For Lenovo service upgrade options, please go to <i>S-TC sheet</i>																																																
DP cable	None	Preload	<b>Preloaded operating system</b> Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit Some: Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit <b>Preloaded applications</b> (only some listed) <ul style="list-style-type: none"> <li>Lenovo Rescue System</li> <li>Driver and Application Installation</li> <li>Lenovo Solution Center</li> <li>Lenovo Bluetooth Lock</li> <li>Lenovo SHAREit</li> <li>McAfee® LiveSafe™ (30-day trial)</li> <li>Microsoft® Office preloaded; purchase a product key to activate</li> <li>Lenovo Companion (Win10 only)</li> <li>Adobe® Reader® (Win7 only)</li> </ul>																																																
Chipset	<b>Intel H110 Chipset</b>	Environment	ENERGY STAR 6.1 (Need 85% PSU and Windows OS); EPEAT Gold rating (only for US, need 85% PSU and Windows OS); ErP Lot 3; GREENGUARD ; RoHS-compliant																																																
Front ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	Accessories	For compatible accessories, please go to <a href="http://www.lenovoquickpick.com/">http://www.lenovoquickpick.com/</a>																																																
Rear ports	Two USB 3.0, two USB 2.0, serial (9-pin), ethernet (RJ-45), VGA, DisplayPort, additional VGA or HDMI on optional graphic card on some models																																																		
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone (3.5mm)																																																		
IEEE 1394	None																																																		
Audio support	High Definition (HD) Audio, Realtek® ALC662 codec																																																		
WLAN <sup>13</sup>	Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1 Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1																																																		
Bluetooth™	Some: Bluetooth 4.0/4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter																																																		
Ethernet	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®																																																		
Modem	None																																																		

See footnotes for more detailed information

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<b>Model</b>	<b>10KW000Wxx</b>
Product	Lenovo S510 Tower
Region	EAST
Machine Type	10KW
TopSeller	TopSeller
Processor	Pentium G4400 (2C, 3.3GHz, 3MB)
Graphics	Integrated Intel HD Graphics 510
Memory	4GBx1
Storage	500GB 7200rpm 3.5"
Optical	DVD±RW
Media Reader	10-in-1
WLAN + Bluetooth	Intel 3165 ac, 1x1 + BT4.0
Keyboard / Mouse	USB (Slim) / USB
Bundled Monitor	None
Power Supply	180W 85%
ENERGY STAR	ENERGY STAR 6.1
Operating System	Windows 10 DG Windows 7 Pro 64
Warranty	3-year, Depot
Global	No
Ann Date (mm/yy)	04/16

