

# 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
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Security chip	None
	Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510	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> </ul> </li> <li>Power-on password</li> </ul>
	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510		<ul style="list-style-type: none"> <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>
	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		
Memory	32GB max, UDIMM, DDR4 2133, two 288-pin DIMM sockets, dual-channel capable						Keyboard	Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo
Disk	Some: SATA 6.0Gb/s, 3.5" Wide, 7200 rpm Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide						Mouse	Enhanced Optical USB Mouse, black, Lenovo logo
Optical	Some: DVD-ROM DL SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive						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>
Onboard SATA Media reader	Three onboard SATA 6.0Gb/s connectors (for HDD/SSD and ODD) Optional 10-in-1 media reader						Power supply	180 watts, autosensing, 85% PSU
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, one VGA, one DisplayPort™, supports two independent displays, works along with discrete graphics to support more displays; Max resolution: 4096x2304 (DP) @60Hz; 1920x1200 (VGA) @60Hz Some: NVIDIA Geforce® GT 720, DirectX 12, 2GB, PCIe 3.0 x8 adapter, one VGA, one HDMI, 25 watts; Max resolution: 1920x1080 (HDMI) @60Hz; 2048x1536 (VGA) @85Hz Some: NVIDIA Geforce GT 720, DirectX 12, 1GB, PCIe 3.0 x8 adapter, one VGA, one HDMI, 25 watts; Max resolution: 1920x1080 (HDMI) @60Hz; 2048x1536 (VGA) @85Hz						Limited warranty <sup>3</sup>	Some: 1-year or 3-year, depot service Some: 1-year or 3-year, limited onsite service For Lenovo service upgrade options, please go to S-TC sheet
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)
Chipset	Intel H110 Chipset							<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>
Front ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)						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
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						Accessories	For compatible accessories, please go to <a href="http://www.lenovoquickpick.com/">http://www.lenovoquickpick.com/</a>
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>10KW000Uxx</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		None
Warranty		3-year, Depot
Global		No
Ann Date (mm/yy)		04/16

