

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	● One lock to secure both cover and entire system to fixed object: -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 ● USB port disablement
	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		
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	● Tower (20L for chassis, 24L for chassis and front bezel), black color, metal case ● 6.3" W X 16.7" D X 15.5" H ● 160mm W X 424mm D X 394mm H ● 13.7 lb (6.2 kg) in maximum configuration Bay 1: 5.25, 1.6" high, external, optical Bay 2: 3.5", 1" high, internal, std disk Bay 3: 3.5", 1" high, internal, std disk Bay 4: N/A, N/A, access, opt reader Slot 1: half-length, full-height, PCIe 3.0 x16 Slot 2: M.2 slot (for WLAN)
Onboard SATA	Three onboard SATA 6.0Gb/s connectors (for HDD/SSD and ODD)							
Media reader	Optional 10-in-1 media reader							
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							
DP cable	None						Power supply	180 watts, autosensing, 85% PSU
Chipset	Intel H110 Chipset						Limited warranty ³	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
Front ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)						Preload	Preloaded operating system 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 Preloaded applications (only some listed) ● Lenovo Rescue System ● Driver and Application Installation ● Lenovo Solution Center ● Lenovo Bluetooth Lock ● Lenovo SHAREit ● McAfee® LiveSafe™ (30-day trial) ● Microsoft® Office preloaded; purchase a product key to activate ● Lenovo Companion (Win10 only) ● Adobe® Reader® (Win7 only)
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 ¹³	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						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
Ethernet	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®						Accessories	For compatible accessories, please go to http://www.lenovoquickpick.com/
Modem	None							

See footnotes for more detailed information

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