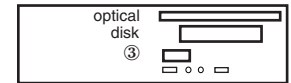


Lenovo S510 SFF Platform Specifications

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"> 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 • USB port disablement 																																																
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: Slim DVD-ROM DL SATA 1.5Gb/s Drive, 9.5mm Some: Slim Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive, 9.5mm	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"> SFF (8L for chassis, 8.5L for chassis and front bezel), black color, metal case • 11.6" W X 12.6" D X 3.5" H • 295mm W X 320mm D X 90mm H • 9.1 lb (4.13 kg) in maximum configuration Bay 1: 9.5mm high, slim optical or opt 2nd SSD Bay 2: 3.5", 1" high, std disk Bay 3: optional card reader Slot 1: Low Profile, PCIe 3.0 x16 Slot 2: M.2 slot (for WLAN) 																																																
Media reader	Optional 10-in-1 media reader	Floor Stand	None																																																
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; <i>Max resolution: 4096x2304 (DP) @60Hz; 1920x1200 (VGA) @60Hz</i> Some: NVIDIA GeForce® GT 720 , DirectX 12, 2GB, PCIe 3.0 x8 adapter, one VGA, one HDMI, 25 watts; <i>Max resolution: 1920x1080 (HDMI) @60Hz; 2048x1536 (VGA) @85Hz</i> Some: NVIDIA GeForce GT 720 , DirectX 12, 1GB, PCIe 3.0 x8 adapter, one VGA, one HDMI, 25 watts; <i>Max resolution: 1920x1080 (HDMI) @60Hz; 2048x1536 (VGA) @85Hz</i>	Power supply	180 watts, autosensing, 85% PSU																																																
DP cable	None	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 <i>S-TC sheet</i>																																																
Chipset	Intel H110 Chipset	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) <ul style="list-style-type: none"> • 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) 																																																
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	Accessories	For compatible accessories, please go to http://www.lenovoquickpick.com/																																																
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																																																		
Ethernet	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®																																																		
Modem	None																																																		



See footnotes for more detailed information

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