

Lenovo S510 SFF Platform Specifications

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 Security features <ul style="list-style-type: none"> 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
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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	Mouse	Enhanced Optical USB Mouse, black, Lenovo logo																																															
Optical	Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide	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 																																															
Onboard SATA	Some: Slim DVD-ROM DL SATA 1.5Gb/s Drive, 9.5mm		Bay 1: 9.5mm high, slim optical or opt 2nd SSD																																															
Media reader	Some: Slim Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive, 9.5mm		Bay 2: 3.5", 1" high, std disk																																															
	Three onboard SATA 6.0Gb/s connectors (for HDD/SSD and ODD)		Bay 3: optional card reader																																															
Graphics	Optional 10-in-1 media reader		Slot 1: Low Profile, PCIe 3.0 x16																																															
	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		Slot 2: M.2 slot (for WLAN)																																															
	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	Floor Stand	None																																															
	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	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 S-TC sheet																																															
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																																															
Front ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	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	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																																															
	Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1	Accessories	For compatible accessories, please go to http://www.lenovoquickpick.com/																																															
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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Model		10KY0007++
Product		Lenovo S510 SFF
Region		WE
Machine Type		10KY
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		None
Keyboard / Mouse		USB / USB
Bundled Monitor		None
Power Supply		180W 85%
ENERGY STAR		ENERGY STAR 6.1
Operating System		Windows 10 Pro 64
Warranty		1-year, Onsite
Global		No
Ann Date (mm/yy)		04/16

