Lenovo S510 SFF Platform Specifications
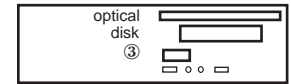
Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor					
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics
	Celeron G3900	2 / 2	2.8 G	2 MB	DDR4-2133	HD 510
	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510
	Core i3-6100	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

Memory	32GB max, UDIMM, DDR4 2133, two 288-pin DIMM sockets, dual-channel capable
Disk	*Some:* SATA 6.0Gb/s, 3.5" Wide, 7200 rpm *Some:* Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide
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
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
Chipset	**Intel H110 Chipset**
Front ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
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
Ethernet	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®
Modem	None

Manageability	None
Security chip	None

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

Keyboard	Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo
Mechanical	● 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)
Floor Stand	None
Power supply	180 watts, autosensing, 85% PSU
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*
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)
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

optical
disk
③

See footnotes for more detailed information

Model	10KY002AUS
Product	Lenovo S510 SFF
Region	US
Machine Type	10KY
TopSeller	TopSeller
Processor	Core i3-6100 (2C, 3.7GHz, 3MB)
Graphics	Integrated Intel HD Graphics 530
Memory	4GBx1
Storage	500GB 7200rpm 3.5"
Optical	DVD±RW
Media Reader	None
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

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