Lenovo S500 SFF Platform Specifications

Processor	Intel® Celeron®, Intel Pentium®, or 4th Generation Intel Core™ i3 / i5 / i7 Processors

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics
Celeron G1840	2 / 2	2.8 GHz	3 MB	DDR3-1333	Intel HD
Pentium G3260	2 / 2	3.3 GHz	3 MB	DDR3-1333	Intel HD
Core i3-4170	2 / 4	3.7 GHz	3 MB	DDR3-1600	HD 4400
Core i5-4460S	4 / 4	2.9 GHz / 3.4 GHz	6 MB	DDR3-1600	HD 4600
Core i7-4790S	4 / 8	3.2 GHz / 4.0 GHz	8 MB	DDR3-1600	HD 4600

Memory	16GB max, **UDIMM**, **PC3-12800 1600MHz DDR3**, two 240-pin DIMM sockets *System automatically clocks down for processors with 1333MHz memory controller
Disk	*Some:* SATA 6.0Gb/s, 3.5" Wide, 7200 rpm *Some:* 1TB (7200 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 3.5" wide *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	SATA cables match SATA devices (each 1-drop to device), two SATA 6.0Gb/s connectors (for HDD/SSD and slim ODD) on planar
Media reader	Optional 7-in-1 media reader

Graphics	**Intel HD Graphics** or **Intel HD Graphics 4400/4600** in processor, uses main memory, one VGA, one DisplayPort™, supports dual independent display;
	Max resolution: 3840x2160 (DP)@60Hz [HD 4x00]; 2560x1600 (DP)@60Hz [Intel HD]; 1920x1200 (VGA)@60Hz (Reduced Blanking)
	Some: **NVIDIA Geforce® GT 720**, DirectX 12, 2GB, PCIe 2.0 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 2.0 x8 adapter, two DisplayPort, 25 watts;
	    Max resolution: 3840x2160 (DisplayPort)@60Hz;

DP cable	Optional DP to DVI-D (single link) or DP to HDMI 1.4 dongle
Chipset	**Intel H81 Chipset**
Front ports	Two USB 2.0, 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, DisplayPort, 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, Realtek RTL8821AE (dual band),
	    Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
	Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band),
	    Wi-Fi + Bluetooth 4.1 combo adapter, 1x1

Bluetooth™	*Some:* Bluetooth 4.0 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), 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 (4.1 kg) in maximum configuration Bay 1: N/A, 9.5mm high, external, slim optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: N/A, N/A, access, opt reader Slot 1: Low Profile, PCIe 2.0 x16 (40w max)
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 *Some:* Windows 7 Professional 64 **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™ Silver rating (Need 85% PSU and Windows OS); ErP Lot 3; GREENGUARD®; RoHS-compliant
Accessories	For compatible accessories, please go to **http://www.lenovoquickpick.com/**

See footnotes for more detailed information