

Lenovo S500z Platform Specifications

Product Specifications Reference (PSREF)

Processor	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		
	Pentium 4405U	2 / 4	2.1 G	2 MB	DDR4-2133	HD 510	Security features	• Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks chassis) • Smart USB protection, allows keyboard/mouse only, blocks all storage devices • Power-on, admin, hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement		
	Core i3-6100U	2 / 4	2.3 G	3 MB	DDR4-2133	HD 520	Keyboard	Some: Lenovo Slim USB Keyboard (USB connector), black		
	Core i5-6200U	2 / 4	2.3 G / 2.8 G	3 MB	DDR4-2133	HD 520	Mouse	Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black Some: Optical USB Mouse, black, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black		
	Core i7-6500U	4 / 4	2.5 G / 3.1 G	4 MB	DDR4-2133	HD 520	Mechanical	• Black and silver color • Support VESA mount (100mm)		
	Intel Architecture (IA) SoC that integrates Intel processor core, graphics, memory controller, and I/O interfaces into a single System-on-Chip solution									
Memory	16GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable									
Disk	Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm Some: Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide									
Optical Media reader	Some: DVD burner, SATA 1.5Gb/s, 9.5mm high 6-in-1 media card reader									
Graphics	Intel HD Graphics 510/520 in processor, uses main memory, DirectX® 12, and optional NVIDIA GeForce® GT 920A, 2GB memory, DirectX 12, external monitor support via HDMI out; Max resolution: 2560x1600 (HDMI)@60Hz									
Display	23" (584.2mm) Full HD 1080p (1920x1080), viewing angle (horizontal: +/- 85°; vertical: +/- 80°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, work as standalone monitor via HDMI in, frameless design									
Light sensor	None									
Multi-touch	Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch									
Camera	Some: 2.0-megapixel camera, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off Some: 1.0-megapixel camera, fixed focus, supports 720p, with digital microphone, LED indicator, physical switch on/off									
Controls	Monitor mode / computer mode switch button and power on/off button									
Chipset	Intel System-on-Chip (SoC) platform									
Rear ports	Three USB 2.0, ethernet (RJ-45), HDMI in port, HDMI out port									
Side ports	Two USB 3.0, optional card reader, headphone / microphone combo jack (3.5mm) One M.2 Card slot (for WLAN)									
M.2 card slot										
Audio support	High Definition (HD) Audio, Realtek ALC233 / two internal speakers (3W x 2)									
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, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 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 or 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter									
Ethernet	One gigabit ethernet port, Realtek RTL8111G, Wake on LAN®									
							Power supply	Some: 90 watts external adapter, autosensing, 88% PSU (for integrated models) Some: 120 watts external adapter, autosensing, 89% PSU (for discrete models)		
							Limited warranty ³	Some: 1-year or 3-year, depot repair 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); ErP Lot 3; GREENGUARD®; RoHS-compliant		
							Accessories	For compatible accessories, please go to http://www.lenovoquickpick.com/		

See footnotes for more detailed information

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