

Lenovo S500z Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Pentium® or 6th Generation Intel Core™ i3 / i5 / i7 Processor																									
	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics																				
	Pentium 4405U	2 / 4	2.1 G	2 MB	DDR4-2133	HD 510																				
	Core i3-6100U	2 / 4	2.3 G	3 MB	DDR4-2133	HD 520																				
	Core i5-6200U	2 / 4	2.3 G / 2.8 G	3 MB	DDR4-2133	HD 520																				
	Core i7-6500U	4 / 4	2.5 G / 3.1 G	4 MB	DDR4-2133	HD 520																				
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	<i>Some:</i> SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm <i>Some:</i> Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide																									
Optical Media reader	<i>Some:</i> 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; <i>Max resolution:</i> 2560x1600 (HDMI)@60Hz 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																									
Display	None Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch <i>Some:</i> 2.0-megapixel camera, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off <i>Some:</i> 1.0-megapixel camera, fixed focus, supports 720p, with digital microphone, LED indicator, physical switch on/off																									
Light sensor	None																									
Multi-touch	Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch																									
Camera	<i>Some:</i> 2.0-megapixel camera, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off <i>Some:</i> 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)																									
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Audio support	High Definition (HD) Audio, Realtek ALC233 / two internal speakers (3W x 2)																									
WLAN ¹³	<i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1																									
Bluetooth™	<i>Some:</i> Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter																									
Ethernet	One gigabit ethernet port, Realtek RTL8111G, Wake on LAN®																									
Manageability	None																									
Security chip	None																									
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																									
Keyboard	<i>Some:</i> Lenovo Slim USB Keyboard (USB connector), black <i>Some:</i> Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black <i>Some:</i> Optical USB Mouse, black, Lenovo logo <i>Some:</i> Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																									
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Mechanical	- Black and silver color - Support VESA mount (100mm) <table><tr><td></td><td>Dimensions (WxDxH)</td><td>Max weight (lb / kg)</td><td>Adjustments</td></tr><tr><td>Without stand:</td><td>22.4 X 1.6 X 15.6 (inch); 568.8 X 40 X 395 (mm)</td><td>14.0 / 6.35</td><td>N/A</td></tr><tr><td>With Frame stand</td><td>22.4 X 2.5 X 15.8 (inch); 568.8 X 63.7 X 402.4 (mm)</td><td>14.8 / 6.7</td><td>Tilt: 15° to 40° back</td></tr><tr><td>With Monitor stand:</td><td>22.4 X 9.0 X 17.9 (inch); 568.8 X 227.9 X 455 (mm)</td><td>16.9 / 7.66</td><td>Tilt: 24° back, -5° forward</td></tr><tr><td>With UltraFlex II stand:</td><td>22.4X 10.0 X 17.4 (inch); 568.8 X 253.9 X 442.1 (mm)</td><td>19.3 / 8.74</td><td>Tilt: 61° back, -5° forward; Lift: 160mm; Swivel: +/-45°</td></tr></table>							Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments	Without stand:	22.4 X 1.6 X 15.6 (inch); 568.8 X 40 X 395 (mm)	14.0 / 6.35	N/A	With Frame stand	22.4 X 2.5 X 15.8 (inch); 568.8 X 63.7 X 402.4 (mm)	14.8 / 6.7	Tilt: 15° to 40° back	With Monitor stand:	22.4 X 9.0 X 17.9 (inch); 568.8 X 227.9 X 455 (mm)	16.9 / 7.66	Tilt: 24° back, -5° forward	With UltraFlex II stand:	22.4X 10.0 X 17.4 (inch); 568.8 X 253.9 X 442.1 (mm)	19.3 / 8.74	Tilt: 61° back, -5° forward; Lift: 160mm; Swivel: +/-45°
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Power supply	<i>Some:</i> 90 watts external adapter, autosensing, 88% PSU (for integrated models) <i>Some:</i> 120 watts external adapter, autosensing, 89% PSU (for discrete models)																									
Limited warranty ³	<i>Some:</i> 1-year or 3-year, depot repair service <i>Some:</i> 1-year or 3-year, limited onsite service <i>For Lenovo service upgrade options, please go to S-TC sheet</i>																									
Preload	Preloaded operating system <i>Some:</i> Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit <i>Some:</i> 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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