

Lenovo S500z Platform Specifications

Product Specifications Reference (PSREF)

Processor	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>Pentium 4405U</td> <td>2 / 4</td> <td>2.1 G</td> <td>2 MB</td> <td>DDR4-2133</td> <td>HD 510</td> </tr> <tr> <td>Core i3-6100U</td> <td>2 / 4</td> <td>2.3 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 520</td> </tr> <tr> <td>Core i5-6200U</td> <td>2 / 4</td> <td>2.3 G / 2.8 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 520</td> </tr> <tr> <td>Core i7-6500U</td> <td>2 / 4</td> <td>2.5 G / 3.1 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 520</td> </tr> </tbody> </table>	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	2 / 4	2.5 G / 3.1 G	4 MB	DDR4-2133	HD 520	Security chip	None
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	Intel Architecture (IA) SoC that integrates Intel processor core, graphics, memory controller, and I/O interfaces into a single System-on-Chip solution	Security features	<ul style="list-style-type: none"> 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 																														
Memory	16GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable	Keyboard	Some: Lenovo Slim USB Keyboard (USB connector), black Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black																														
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	Mouse	Some: Optical USB Mouse, black, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black																														
Optical Media reader	Some: DVD burner, SATA 1.5Gb/s, 9.5mm high 6-in-1 media card reader	Mechanical	<ul style="list-style-type: none"> Black and silver color Support VESA mount (100mm) <table border="1"> <thead> <tr> <th></th> <th>Dimensions (WxDxH)</th> <th>Max weight (lb / kg)</th> <th>Adjustments</th> </tr> </thead> <tbody> <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> </tbody> </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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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	Power supply	Some: 90 watts external adapter, autosensing, 88% PSU (for integrated models) Some: 120 watts external adapter, autosensing, 89% PSU (for discrete models)																														
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	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																														
Light sensor	None	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) <ul style="list-style-type: none"> 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) 																														
Multi-touch	Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch	Environment	ENERGY STAR® 6.1 (Need 85% PSU and Windows OS); ErP Lot 3; GREENGUARD®; RoHS-compliant																														
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	Accessories	For compatible accessories, please go to http://www.lenovoquickpick.com/																														
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	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®																																

See footnotes for more detailed information

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