Lenovo S500z Platform Specifications

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	2 / 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

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

Some: DVD burner, SATA 1.5Gb/s, 9.5mm high

Media reader

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)

M.2 card slot

One M.2 Card slot (for WLAN)

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®

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

Some: Lenovo Slim USB Keyboard (USB connector), black
Some: Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Optical USB Mouse, black, Lenovo logo
Some: Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

- Black and silver color
- Support VESA mount (100mm)

	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°

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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Model	10K3001A++
Product	Lenovo S500z AIO
Region	EMEA
Machine Type	10K3
TopSeller	TopSeller
Processor	Core i3-6100U (2C, 2.3GHz, 3MB)
Graphics	Integrated Intel HD Graphics 520
Memory	4GBx1
Display	23" FHD (1920x1080)
Multi-touch	None
Storage	500GB 7200rpm 2.5"
Optical	DVD±RW
Media Reader	6-in-1
WLAN + Bluetooth	Intel 3165 ac, 1x1 + BT4.0
Camera	720p
Keyboard / Mouse	USB (Slim) / USB
Stand	Frame Stand
Color	Black / Silver
Power Supply	90W 88% Adapter
Operating System	Windows 10 Pro 64
Warranty	1-year, Onsite
Global	No
Ann Date (mm/yy)	11/15


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