Lenovo V510z AIO 10NQ004S++

Region
EMEA

Machine Type
10NQ

TopSeller
TopSeller

Processor
Core i3-7100T (2C, 3.4GHz, 3MB)

Graphics
Integrated Intel HD Graphics 630

Memory
4GBx1

Display
23" FHD (1920x1080)

Multi-touch
None

Storage
1TB 5400rpm 2.5"

Optical
DVD±RW

Media Reader
6-in-1

WLAN + Bluetooth
Intel 3165 ac, 1x1 + BT4.0

Camera
720p

Keyboard / Mouse
USB / USB

Stand
Monitor Stand

Color
Black / Business Grey

Power Supply
90W 88% Adapter

Operating System
Windows 10 Home 64

Warranty
1-year, Onsite

Global
No

End of Support
Apr 30, 2024

Ann Date (mm/yy)
06/17

Note:
Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "**" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries

www.lenovo.com

This publication was developed for products and services offered in the United States and E.M.E.A countries. Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifcations or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication “as is” without warranty of any kind, either express or implied, including the implied warranties of merchantability or ftness for a particular purpose.

http://psref.lenovo.com
Visit psref website for the latest version of Product Specifcations Reference.

© Lenovo, 2017. All rights reserved.

Lenovo V510z Platform Specifications

Processor

Intel® Pentium® or 6th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Celeron G3900T	2 / 2	2.6 G	2 MB	DDR4-2133	HD 510
Celeron G3930T	2 / 2	2.7 G	2 MB	DDR4-2133	HD 610
Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510
Pentium G4560T	2 / 4	2.9G	3 MB	DDR4-2400	HD 610
Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530
Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530
Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530
Core i3-7100T	2 / 4	3.4G	3 MB	DDR4-2400	HD 630
Core i5-7400T	4 / 4	2.4G / 3.0G	6 MB	DDR4-2400	HD 630
Core i7-7700T	4 / 8	2.9G / 3.8G	8 MB	DDR4-2400	HD 630

Memory

32GB max, DDR4-2400*, two 260-pin SO-DIMM sockets, dual-channel capable
* System clocks down for the processors with lower memory controller

Disk

Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm
Some: M.2 Solid State Drive (SSD) / PCIe interface, NVMe

Optical

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

Media reader

6-in-1 media card reader

Graphics

Intel HD Graphics 510/530/610/630 in processor, uses main memory, DirectX® 12, and **optional NVIDIA GeForce® 940MX**, 2GB memory, DirectX 12, external monitor support via HDMI out;
Max resolution: 1920x1080 (HDMI)@60Hz

Display

23" (584.2mm) **Full HD 1080p (1920x1080)**, Wide Viewing Angle (horizontal: +/- 89°; vertical: +/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, borderless design, work as standalone monitor via HDMI in

Multi-touch

Optional multi-touch (10-point), Advanced In-Cell Touch (AIT) technology

Camera

Some: 720p camera, with dual digital microphone, LED indicator, with privacy camera cover
Some: 1080p IR camera, with dual digital microphone, LED indicator

Controls

Power on/off button on right side

Chipset

Intel H110 Chipset

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

Two M.2 Card slots (one for WLAN, one for M.2 SSD)

Audio support

High Definition (HD) Audio, Realtek ALC233 / two internal speakers (3W x 2)

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 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
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2

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 back cover)
- 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 business grey color
- Support VESA mount (100mm)
- Toolless back cover, memory, M.2 SSD, optical removal

	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
Without stand:	20.7 X 1.9 X 13.3 (inch); 525.5 X 49.1 X 338.8 (mm)	11.0 / 5.00	N/A
With Monitor stand:	20.7 X 9.0 X 16.7 (inch); 525.5 X 227.9 X 423.3 (mm)	14.1 / 6.39	Tilt: 24° back, -5° forward Swivel: +/-45°
With UltraFlex II stand:	20.7 X 9.4 X 16.2 (inch); 525.5 X 238.6 X 410.4 (mm)	16.7 / 7.58	Tilt: 61° back, -5° forward; Lift: 160mm; Swivel: +/-45°

Power supply

Some: 90 watts external adapter, autosensing, 88% PSU
Some: 120 watts external adapter, autosensing, 89% PSU

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 (not available with 7th Gen Intel processor)

Preloaded applications (only some listed)

- Lenovo Rescue System
- Driver and Application Installation
- Lenovo Solution Center
- McAfee® LiveSafe™ (30-day trial)
- Microsoft® Office preloaded; purchase a product key to activate
- Lenovo Companion

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

© Lenovo

Lenovo V510z AIO