Lenovo V540-24IWL AIO Platform Specifications

Processor

8th Generation Intel® Core™ i3 / i5 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Smart Cache	Memory Support (Up to)	Integrated Graphics
Core i3-8145U	2 / 4	2.1G / 3.9G	4 MB	DDR4-2400	UHD 620
Core i5-8265U	4 / 8	1.6G / 3.9G	6 MB		

Memory

32GB max, DDR4-2666*, two 260-pin SO-DIMM sockets, dual-channel capable

** System clocks down for the processors with lower memory controller*

Disk

Some: Hard Drive / SATA 6.0Gb/s, 2.5", 7200 rpm
Some: Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm
Some: M.2 SSD (2280) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
Some: M.2 SSD (2242) / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s
Some: 16GB Intel Optane™ Memory

Optical (Optional)

DVD Burner (DVD±RW), tray-in, slim (9.0mm)

Media reader

3-in-1 card reader (SD, SDHC, SDXC)

Graphics

Intel UHD Graphics 620 in processor, uses main memory, DirectX® 12
external monitor support via HDMI out
Max resolution: 4096x2304@24Hz (HDMI)

Display

23.8" (604.5mm), **FHD (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

Optional 720p camera, with dual digital microphone, LED indicator, with privacy camera cover

Controls

Power on/off button on right side

Chipset

Intel System-on-Chip (SoC)

Rear ports*

One USB 3.1 gen 2, two USB 2.0, ethernet (RJ-45), HDMI-in, HDMI-out, DC-in

Side ports*

One USB 3.1 gen 2, two USB 2.0, one headphone / microphone combo jack (3.5mm), 3-in-1 card reader

** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

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 (Optional)

Some: 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.0 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Jefferson Peak 2 9560, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2

Bluetooth™

Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Ethernet

Gigabit ethernet

Manageability

None

Security chip

Firmware TPM 2.0

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
- Individual USB port disablement
- Camera Privacy Cover

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black
Some: Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black

Mechanical

- Black
- Stand latch design, easier to install and uninstall
- Support VESA mount (100mm)

	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
Without stand:	21.3 X 2.4 X 13.3 (inch); 541 X 59.7 X 337 (mm)	10.6 / 4.8	N/A
With Monitor stand:	21.3 X 8.4 X 17.7 (inch); 541 X 214 X 450 (mm)	14.1 / 6.4	Tilt: 35° back, -5° forward Swivel: +/-45°

Power supply

65 watts external adapter, autosensing, 88% PSU

Limited warranty

Some: **1-year**, **depot repair service**
Some: **1-year**, **onsite service**

Preload

Preloaded operating system
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit
Some: Windows 10 Home Single Language 64-bit
Preloaded applications (only some listed)

- Lenovo Vantage
- McAfee® LiveSafe™ (30-day trial)
- Microsoft® Office preloaded; purchase a product key to activate

Environment

ENERGY STAR® 7.0; Low blue light certified; EPEAT™ Bronze compliant; Ultra Low Noise certified

Accessories

For compatible accessories, please go to **http://smartfind.lenovo.com/**

Note: The specifications above may not be available in all regions.