Lenovo V540-24IWL AIO 10YS0098IX

Product
Lenovo V540-24IWL AIO

Region
WE

Country/Region
Italy

Machine Type
10YS

TopSeller
TopSeller

Processor
Intel Core i3-8145U (2C / 4T, 2.1 / 3.9GHz, 4MB)

Graphics
Integrated Intel UHD Graphics 620

Memory
2x 4GB DIMM DDR4-2666

Storage
256GB SSD M.2 2280 PCIe NVMe Opal

Optane Memory
None

Optical
None

Media Reader
3-in-1

Display
23.8" FHD (1920x1080) WVA Anti-glare

Multi-touch
None

Camera
720p

WLAN + Bluetooth
Intel 9560 11ac, 2x2 + BT4.0

Keyboard
Calliope Wireless Keyboard, Black, Italian

Mouse
Calliope Wireless Mouse, Black

Operating System
Windows 10 Home 64, WE (EN/FR/GR/IT/NL)

Stand
Monitor Stand

Color
Black

Base Warranty
1-year, Onsite

Bundled Service
None

End of Support
2025-09-06

Announce Date
2019-08-06

Recommended Services

Better
4Y Premier Support Upgrade from 1Y Onsite (5WS0T36112)

Good
3Y Premier Support Upgrade from 1Y Onsite (5WS0T36111)

WWW.LENOVO.COM

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 fitness for a particular purpose.

https://psref.lenovo.com

Visit psref website for the latest version of Product Specifcations Reference.

© Lenovo, 2019. All rights reserved.



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

Optane™ Memory

Optional 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™ Silver 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.

Lenovo V540-24IWL AIO











