

# Lenovo V540-24IWL AIO 10YS000HIX

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Product  
Lenovo V540-24IWL AIO

Region  
WE

Country  
Italy

Machine Type  
10YS

TopSeller  
TopSeller

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

Graphics  
Integrated Intel UHD Graphics 620

Memory  
2x 4GB DDR4-2666

Storage  
1TB HDD 5400rpm 2.5"

Optane Memory  
None

Optical  
None

Media Reader  
3-in-1

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

Multi-touch  
10-point Multi-touch

Camera  
720p

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

Keyboard / Mouse  
2.4G / 2.4G

Operating System  
Windows 10 Home 64

Stand  
Monitor Stand

Color  
Black

Warranty  
1-year, Onsite

End of Support  
2025-04-26

Announce Date  
2019-03-26



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# Lenovo V540-24IWL AIO Platform Specifications

Product Specifications Reference (PSREF)



|                    |   |                 |                         |             |                        |                     |                   |  |  |  |
|--------------------|---|-----------------|-------------------------|-------------|------------------------|---------------------|-------------------|--|--|--|
| Processor          | 8th Generation Intel® Core™ i3 / i5 Processor   |                 |                         |             |                        |                     | Manageability     | None   |  |  |
|                    | Processor   | Cores / Threads | Frequency Base/Max(GHz) | Smart Cache | Memory Support (Up to) | Integrated Graphics | Security chip     | Firmware TPM 2.0   |  |  |
|                    | Core i3-8145U   | 2 / 4           | 2.1G / 3.9G             | 4 MB        | DDR4-2400              | UHD 620             | Security features | <ul style="list-style-type: none"> <li>Security slot (in rear for attachment of optional Kensington® MicroSaver® cable; Kensington lock also locks back cover)</li> <li>Smart USB protection, allows keyboard/mouse only, blocks all storage devices</li> <li>Power-on, admin, hard disk password</li> <li>Individual USB port disablement</li> <li>Camera Privacy Cover</li> </ul>      |  |  |
|                    | 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<br>* System clocks down for the processors with lower memory controller   |                 |                         |             |                        |                     | Keyboard          | Some: Lenovo Calliope Keyboard (USB connector), black<br>Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black  |  |  |
| Disk               | Some: Hard Drive / SATA 6.0Gb/s, 2.5", 7200 rpm<br>Some: Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm<br>Some: M.2 SSD (2280) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s<br>Some: M.2 SSD (2242) / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s                  |                 |                         |             |                        |                     | Mouse             | Some: Lenovo Calliope Mouse (USB connector), black<br>Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black<br>Some: Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black  |  |  |
| Optane™ Memory     | Optional 16GB Intel Optane™ Memory  |                 |                         |             |                        |                     | Mechanical        | <ul style="list-style-type: none"> <li>Black</li> <li>Stand latch design, easier to install and uninstall</li> <li>Support VESA mount (100mm)</li> </ul>   |  |  |
| 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<br>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<br>* 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<br>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  |                 |                         |             |                        |                     |                   |  |  |  |
|                    |   |                 |                         |             |                        |                     | Power supply      | 65 watts external adapter, autosensing, 88% PSU  |  |  |
|                    |   |                 |                         |             |                        |                     | Limited warranty  | Some: <b>1-year, depot repair service</b><br>Some: <b>1-year, onsite service</b>   |  |  |
|                    |   |                 |                         |             |                        |                     | Preload           | <b>Preloaded operating system</b><br>Some: Windows 10 Pro 64-bit<br>Some: Windows 10 Home 64-bit<br>Some: Windows 10 Home Single Language 64-bit<br><b>Preloaded applications</b> (only some listed) <ul style="list-style-type: none"> <li>Lenovo Vantage</li> <li>McAfee® LiveSafe™ (30-day trial)</li> <li>Microsoft® Office preloaded; purchase a product key to activate</li> </ul> |  |  |
|                    |   |                 |                         |             |                        |                     | Environment       | ENERGY STAR® 7.0; Low blue light certified; EPEAT™ Bronze compliant; Ultra Low Noise certified   |  |  |
|                    |   |                 |                         |             |                        |                     | Accessories       | For compatible accessories, please go to <a href="http://smartfind.lenovo.com/">http://smartfind.lenovo.com/</a>   |  |  |

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

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March 2019

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