

Lenovo V540-24IWL AIO 10YS0096BL

Product

Lenovo V540-24IWL AIO

Region

EET

Country/Region

Bulgaria

Machine Type

10YS

TopSeller

TopSeller

Processor

Intel Core i5-8265U (4C / 8T, 1.6 / 3.9GHz, 6MB)

Graphics

Integrated Intel UHD Graphics 620

Memory

2x 4GB DIMM 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

None

Camera

720p

WLAN + Bluetooth

Intel 9560 11ac, 2x2 + BT4.0

Keyboard

Calliope Wireless Keyboard, Black, Bulgarian

Mouse

Calliope Wireless Mouse, Black

Operating System

Windows 10 Pro 64, English

Stand

Monitor Stand

Color

Black

Base Warranty

1-year, Depot

Bundled Service

3Y Onsite upgrade from 1Y Depot/CCI (5WS0D80960)

End of Support

2025-08-16

Announce Date

2019-07-16

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Lenovo V540-24IWL AIO Platform Specifications

Product Specifications Reference (PSREF)



| Processor | 8th Generation Intel® Core™ i3 / i5 Processor | Manageability | None | | | | | | | | | | | | | | | | |
|---------------------|---|-------------------------|--|-------------------------|---------------------|------------------------|---------------------|----------------|--|-------------|------|---------------------|---|---------------|---|-------------|------|---------------|------------------|
| | <table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Smart Cache</th> <th>Memory Support (Up to)</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Core i3-8145U</td> <td>2 / 4</td> <td>2.1G / 3.9G</td> <td>4 MB</td> <td rowspan="2">DDR4-2400</td> <td rowspan="2">UHD 620</td> </tr> <tr> <td>Core i5-8265U</td> <td>4 / 8</td> <td>1.6G / 3.9G</td> <td>6 MB</td> </tr> </tbody> </table> | 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 | Security chip | Firmware TPM 2.0 |
| 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 | Security features | <ul style="list-style-type: none"> 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 | | | | | | | | | | | | | | | | |
| Disk | <i>Some:</i> Hard Drive / SATA 6.0Gb/s, 2.5", 7200 rpm <i>Some:</i> Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm <i>Some:</i> M.2 SSD (2280) / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s <i>Some:</i> M.2 SSD (2242) / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s | Keyboard | <i>Some:</i> Lenovo Calliope Keyboard (USB connector), black | | | | | | | | | | | | | | | | |
| Optane™ Memory | Optional 16GB Intel Optane™ Memory | Mouse | <i>Some:</i> Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black <i>Some:</i> Lenovo Calliope Mouse (USB connector), black <i>Some:</i> Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black <i>Some:</i> Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black | | | | | | | | | | | | | | | | |
| Optical (Optional) | DVD Burner (DVD±RW), tray-in, slim (9.0mm) | Mechanical | <ul style="list-style-type: none"> Black Stand latch design, easier to install and uninstall Support VESA mount (100mm) | | | | | | | | | | | | | | | | |
| Media reader | 3-in-1 card reader (SD, SDHC, SDXC) | | <table border="1"> <thead> <tr> <th></th> <th>Dimensions (WxDxH)</th> <th>Max weight (lb / kg)</th> <th>Adjustments</th> </tr> </thead> <tbody> <tr> <td>Without stand:</td> <td>21.3 X 2.4 X 13.3 (inch); 541 X 59.7 X 337 (mm)</td> <td>10.6 / 4.8</td> <td>N/A</td> </tr> <tr> <td>With Monitor stand:</td> <td>21.3 X 8.4 X 17.7 (inch); 541 X 214 X 450 (mm)</td> <td>14.1 / 6.4</td> <td>Tilt: 35° back, -5° forward Swivel: +/-45°</td> </tr> </tbody> </table> | | 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° | | | | |
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| Graphics | Intel UHD Graphics 620 in processor, uses main memory, DirectX® 12 external monitor support via HDMI out <i>Max resolution:</i> 4096x2304@24Hz (HDMI) | Power supply | 65 watts external adapter, autosensing, 88% PSU | | | | | | | | | | | | | | | | |
| 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 | Limited warranty | <i>Some:</i> 1-year, depot repair service <i>Some:</i> 1-year, onsite service | | | | | | | | | | | | | | | | |
| Multi-touch | Optional multi-touch (10-point), Advanced In-Cell Touch (AIT) technology | Preload | Preloaded operating system <i>Some:</i> Windows 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit <i>Some:</i> Windows 10 Home Single Language 64-bit Preloaded applications (only some listed) <ul style="list-style-type: none"> Lenovo Vantage McAfee® LiveSafe™ (30-day trial) Microsoft® Office preloaded; purchase a product key to activate | | | | | | | | | | | | | | | | |
| Camera | Optional 720p camera, with dual digital microphone, LED indicator, with privacy camera cover | Environment | ENERGY STAR® 7.0; Low blue light certified; EPEAT™ Silver compliant; Ultra Low Noise certified | | | | | | | | | | | | | | | | |
| Controls | Power on/off button on right side | Accessories | For compatible accessories, please go to http://smartfind.lenovo.com/ | | | | | | | | | | | | | | | | |
| 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) | <i>Some:</i> 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.0 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Jefferson Peak 2 9560, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2 | | | | | | | | | | | | | | | | | | |
| Bluetooth™ | <i>Some:</i> Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter | | | | | | | | | | | | | | | | | | |
| Ethernet | Gigabit ethernet | | | | | | | | | | | | | | | | | | |

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

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March 2019

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