Lenovo.

# Lenovo V V14 Intel® Core™ i5 i5-12500H Laptop 35.6 cm (14") Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Black

**Brand :** Lenovo    **Product family:** V    **Product code:** 83FR0007UK

**Product name :** V14

- Windows 11 Pro 64-bit
- Intel Core i5-12500H (18MB Cache)
- 35.6 cm (14") Full HD 1920 x 1080 TN
- 8GB (3200MHz) DDR4-SDRAM & 256GB SSD

Intel Core i5-12500H (18MB Cache), 8GB DDR4-SDRAM, 256GB SSD, 35.6 cm (14") Full HD 1920 x 1080 TN, Intel Iris Xe Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit
Lenovo V V14. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-12500H. Display diagonal: 35.6 cm (14"), HD type: Full HD. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 1.43 kg

| Design | | Camera | |
|---|---|---|---|
| Colour name | Business Black | Privacy type | Privacy shutter |
| Product type * | Laptop | **Network** | |
| Product colour * | Black | Top Wi-Fi standard * | Wi-Fi 6 (802.11ax) |
| Form factor * | Clamshell | Wi-Fi standards | Wi-Fi 6 (802.11ax) |
| Housing material | Acrylonitrile butadiene styrene (ABS), Plastic | Mobile network connection * | ✖ |
| **Display** | | Antenna type | 2x2 |
| Display diagonal * | 35.6 cm (14") | Ethernet LAN | ✔ |
| Touchscreen * | ✖ | Ethernet LAN data rates | 1000,100 Mbit/s |
| HD type | Full HD | Bluetooth | ✔ |
| Panel type | TN | Bluetooth version | 5.2 |
| LED backlight | ✔ | **Ports & interfaces** | |
| Native aspect ratio | 16:9 | USB 2.0 ports quantity * | 1 |
| Anti-glare screen | ✔ | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1 |
| Display brightness | 250 cd/m² | USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1 |
| RGB colour space | NTSC | Ethernet LAN (RJ-45) ports | 1 |
| Colour gamut | 45% | HDMI ports quantity * | 1 |
| Maximum refresh rate | 60 Hz | HDMI version | 1.4b |
| Contrast ratio (typical) | 500:1 | Combo headphone/mic port | ✔ |
| **Processor** | | USB Type-C DisplayPort Alternate Mode | ✔ |
| Processor manufacturer * | Intel | USB Power Delivery | ✔ |
| Processor family * | Intel® Core™ i5 | **Performance** | |
| Processor generation | 12th gen Intel® Core™ i5 | Motherboard chipset | Intel SoC |
| Processor model * | i5-12500H | **Keyboard** | |
| Processor cores | 12 | Pointing device | Touchpad |
| Processor boost frequency | 4.5 GHz | Keyboard language | UK English |
| Performance cores | 4 | | |
| Efficient cores | 8 | | |

## Processor

| | |
|---|---|
| Performance-core Max Turbo Frequency | 4.5 GHz |
| Efficient-core Max Turbo Frequency | 3.3 GHz |
| Processor cache | 18 MB |
| Processor cache type | Smart Cache |
| Processor base power | 45 W |
| Maximum turbo power | 95 W |

## Memory

| | |
|---|---|
| Internal memory * | 8 GB |
| Internal memory type | DDR4-SDRAM |
| Memory clock speed | 3200 MHz |
| Memory form factor | On-board + SO-DIMM |
| Memory slots | 1x SO-DIMM |
| Maximum internal memory * | 16 GB |
| Memory channels | Dual-channel |

## Storage

| | |
|---|---|
| Total storage capacity * | 256 GB |
| Storage media * | SSD |
| Total SSDs capacity | 256 GB |
| Number of SSDs installed | 1 |
| SSD capacity | 256 GB |
| SSD interface | PCI Express 4.0 |
| NVMe | ✔ |
| SSD form factor | M.2 |
| Optical drive type * | ✘ |
| Card reader integrated | ✘ |

## Graphics

| | |
|---|---|
| Discrete graphics card model * | Not available |
| On-board graphics card * | ✔ |
| On-board GPU manufacturer | Intel |
| Discrete graphics card * | ✘ |
| On-board graphics card family | Intel Iris Xe Graphics |
| On-board graphics card model * | Intel Iris Xe Graphics |

## Audio

| | |
|---|---|
| Audio chip | Realtek ALC3287 |
| Audio system | Dolby Audio |
| Number of built-in speakers | 2 |
| Speaker power | 1.5 W |
| Built-in microphone | ✔ |
| Number of microphones | 2 |

## Camera

| | |
|---|---|
| Front camera | ✔ |
| Front camera resolution | 1280 x 720 pixels |
| Front camera HD type | HD |
| Privacy camera | ✔ |

## Keyboard

| | |
|---|---|
| Numeric keypad * | ✘ |
| Keyboard backlit | ✘ |
| Spill-resistant keyboard | ✔ |

## Software

| | |
|---|---|
| Operating system architecture | 64-bit |
| Operating system language | English |
| Operating system installed * | Windows 11 Pro |

## Battery

| | |
|---|---|
| Battery technology | Lithium Polymer (LiPo) |
| Battery capacity * | 38 Wh |
| Battery life (max) | 7 h |
| Continuous video playback time | 8.8 h |
| Fast charging | ✔ |

## Power

| | |
|---|---|
| AC adapter power | 65 W |
| AC adapter frequency | 50 - 60 Hz |
| AC adapter input voltage | 100 - 240 V |

## Security

| | |
|---|---|
| Cable lock slot | ✔ |
| Cable lock slot type | Kensington |
| Fingerprint reader | ✘ |
| Trusted Platform Module (TPM) | ✔ |
| Trusted Platform Module (TPM) version | 2.0 |
| Password protection | ✔ |
| Password protection type | BIOS, HDD, Power on, Supervisor |

## Operational conditions

| | |
|---|---|
| Operating temperature (T-T) | 5 - 35 °C |
| Storage temperature (T-T) | 5 - 43 °C |
| Operating relative humidity (H-H) | 5 - 95% |
| Storage relative humidity (H-H) | 8 - 95% |
| Maximum shipping altitude | 3048 m |

## Certificates

| | |
|---|---|
| Certification | ENERGY STAR 8.0 ErP Lot 6 FSC certified package RoHS compliant TÜV Rheinland Low Blue Light MIL-STD-810H |

## Weight & dimensions

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|---|---|
| Width | 324.2 mm |
| Depth | 215.2 mm |
| Height | 19.9 mm |
| Weight * | 1.43 kg |

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