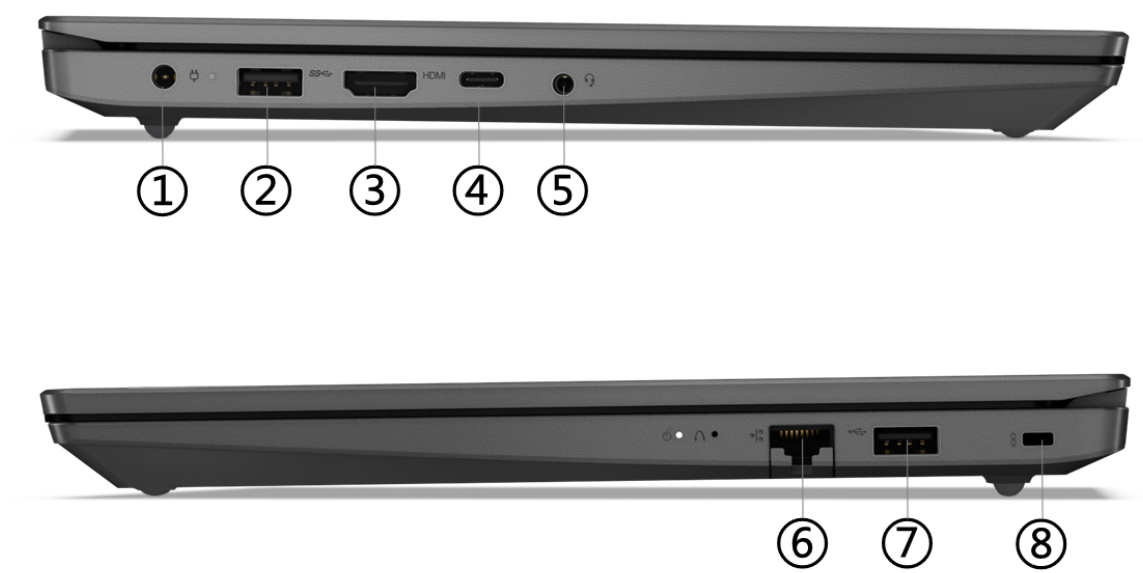


OVERVIEW



|                    |                                              |
|--------------------|----------------------------------------------|
| 1. Power connector | 5. Headphone / microphone combo jack (3.5mm) |
| 2. USB 3.2 Gen 1   | 6. Ethernet (RJ-45)                          |
| 3. HDMI            | 7. USB 2.0                                   |
| 4. USB-C 3.2 Gen 1 | 8. Kensington Nano Security Slot             |

PERFORMANCE

Processor

Processor Family

12th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor\*\*

| Processor Name | Cores                    | Threads | Base Frequency                | Max Frequency                 | Cache | Memory Support | Processor Graphics      |
|----------------|--------------------------|---------|-------------------------------|-------------------------------|-------|----------------|-------------------------|
| Core i3-1215U  | 6 (2 P-core + 4 E-core)  | 8       | P-core 1.2GHz / E-core 0.9GHz | P-core 4.4GHz / E-core 3.3GHz | 10MB  | DDR4-3200      | Intel UHD Graphics      |
| Core i5-1235U  | 10 (2 P-core + 8 E-core) | 12      | P-core 1.3GHz / E-core 0.9GHz | P-core 4.4GHz / E-core 3.3GHz | 12MB  | DDR4-3200      | Intel Iris® Xe Graphics |
| Core i7-1255U  | 10 (2 P-core + 8 E-core) | 12      | P-core 1.7GHz / E-core 1.2GHz | P-core 4.7GHz / E-core 3.5GHz | 12MB  | DDR4-3200      | Intel Iris Xe Graphics  |

Operating System

Operating System\*\*

- Windows® 11 Pro 64
- Windows 11 Home 64
- Windows 11 DG Windows 10 Pro 64
- No operating system

Graphics

Graphics\*\*<sup>[1]</sup>

| Graphics               | Type       | Memory | TGP           | Key Features |
|------------------------|------------|--------|---------------|--------------|
| Intel Iris Xe Graphics | Integrated | Shared | Share CPU TDP | DirectX® 12  |
| Intel UHD Graphics     | Integrated | Shared | Share CPU TDP | DirectX 12   |

Notes:

- Intel Iris Xe Graphics capability requires system to be configured with Intel Core i5 or i7 processor and dual-channel memory. On the system with Intel Core i5 or i7 processor and single-channel memory, Intel Iris Xe Graphics will function as Intel UHD graphics.

Monitor Support

Monitor Support

Supports up to 3 independent displays (native display and 2 external monitors via HDMI® and USB-C)

- HDMI supports up to 3840x2160@30Hz
- USB-C supports up to 4096x2160@60Hz

Chipset

Chipset

Intel SoC (System on Chip) platform

Memory

Max Memory<sup>[1]</sup>

- Up to 12GB (4GB soldered + 8GB SO-DIMM) DDR4-3200 offering
- Up to 16GB (8GB soldered + 8GB SO-DIMM) DDR4-3200 offering

Memory Slots

One memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable

Memory Type

DDR4-3200

Notes:

- The max memory is based on the test results with current Lenovo® memory offerings. The system may support more memory as the technology develops.

Storage

Storage Support<sup>[1]</sup>

- Model with 38Wh battery: up to two drives, 1x 2.5" HDD + 1x M.2 SSD
  - 2.5" HDD up to 1TB
  - M.2 2242 SSD up to 512GB
  - M.2 2280 SSD up to 512GB
- Model with 45Wh battery: one drive, 1x M.2 SSD
  - M.2 2242 SSD up to 512GB
  - M.2 2280 SSD up to 512GB

Storage Slot

- Model with 38Wh battery: one 2.5" drive slot + one M.2 slot
  - One 2.5" drive slot, supports 2.5" SATA HDD
  - One M.2 2280 PCIe® Gen 4x4 slot, supports M.2 2242/2280 SSD
- Model with 45Wh battery: one M.2 slot
  - One M.2 2280 PCIe Gen 4x4 slot, supports M.2 2242/2280 SSD

Storage Type<sup>\*\*\*</sup>

| Disk Type     | Interface               | RPM  | Offering      |
|---------------|-------------------------|------|---------------|
| 2.5" SATA HDD | SATA 6Gb/s              | 5.4K | 1TB           |
| M.2 2242 SSD  | PCIe NVMe®, PCIe 3.0 x4 | -    | 128GB / 256GB |
| M.2 2242 SSD  | PCIe NVMe, PCIe 4.0 x4  | -    | 256GB / 512GB |
| M.2 2280 SSD  | PCIe NVMe, PCIe 3.0 x4  | -    | 512GB         |

Notes:

- The storage capacity supported is based on the test results with current Lenovo storage offerings. The system may support larger storage as the technology develops.

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 1.5W x2, Dolby® Audio™

Microphone

Dual array microphone with noise-cancelling

Camera

HD 720p, with privacy shutter, fixed focus

Battery

Battery<sup>\*\*</sup>

- Integrated Li-Polymer 38Wh battery, supports Rapid Charge (charge up to 80% in 1hr)
- Integrated Li-Polymer 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

Max Battery Life<sup>[1]</sup>

- Model with 38Wh battery:
  - MobileMark® 2018: up to 5.8 hr
  - Local video (1080p) playback@150nits: up to 8.2 hr
- Model with 45Wh battery:
  - MobileMark 2018: up to 7.1 hr
  - Local video (1080p) playback@150nits: up to 8.5 hr

Notes:

1. All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, JEITA 2.0, continuous 1080p video playback (with 150nits brightness and default volume level) or Google Power Load Test (PLT) battery-life benchmark tests. Actual battery life will vary and depends on many factors such as product configuration and usage, software use, wireless functionality, power management settings, and screen brightness. The maximum capacity of the battery will decrease with time and use.

Power Adapter

- Power Adapter\*\*<sup>[1]</sup>
- 65W round tip (3-pin) AC adapter, 100-240V, 50-60Hz
  - 65W USB-C (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
  - 65W USB-C (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

Notes:

1. AC adapter offerings depend on the country.

DESIGN

Display

Display\*\*<sup>[1]</sup>

| Size  | Resolution      | Touch | Type | Brightness | Surface    | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle |
|-------|-----------------|-------|------|------------|------------|--------------|----------------|-------------|---------------|
| 14.0" | FHD (1920x1080) | None  | TN   | 250 nits   | Anti-glare | 16:9         | 500:1          | 45% NTSC    | 90°           |
| 14.0" | FHD (1920x1080) | None  | IPS  | 300 nits   | Anti-glare | 16:9         | 800:1          | 45% NTSC    | 170°          |

Touchscreen

Non-touch

Notes:

1. California Electronic Waste Recycling Fee  
In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to <https://www.calrecycle.ca.gov/Electronics/Consumer>

Input Device

- Keyboard
- 6-row, spill-resistant, multimedia Fn keys
- Keyboard Backlight
- Non-backlight
- Touchpad
- Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 62 x 104 mm (2.44 x 4.09 inches)

Mechanical<sup>[1]</sup>

Dimensions (WxDxH)

324 x 215 x 19.9 mm (12.75 x 8.46 x 0.78 inches)

Weight

Starting at 1.5 kg (3.3 lbs)

- Case Color\*\*
- Business black
  - Iron grey

- Surface Treatment\*\*
- IMR (in-mold decoration by roller)
  - Texture

Case Material

PC + ABS (top), PC + ABS (bottom)

Notes:

1. The system dimensions and weight vary depending on configurations.

## CONNECTIVITY

### Network

#### Onboard Ethernet

Gigabit Ethernet, 1x RJ-45, supports Wake-on-LAN

#### WLAN + Bluetooth®\*\*<sup>[1]</sup>

- 802.11ac 2x2 Wi-Fi® + Bluetooth 5.0, M.2 card
- Wi-Fi 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.2, M.2 card

#### Notes:

1. Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation

### Ports<sup>[1]</sup>

#### Standard Ports

- 1x USB 2.0
- 1x USB 3.2 Gen 1
- 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0, and DisplayPort™ 1.2)
- 1x HDMI, up to 2.5K/60Hz
- 1x Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

#### Notes:

1. The transfer speed of following ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed.
  - USB 2.0: 480 Mbit/s;
  - USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formerly USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;
  - USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formerly USB 3.1 Gen 2): 10 Gbit/s;
  - USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;
  - Thunderbolt™ 3/4: 40 Gbit/s;
  - FireWire 400: 400 Mbit/s;
  - FireWire 800: 800 Mbit/s

## SECURITY & PRIVACY

### Security

#### Security Chip

Firmware TPM 2.0 integrated in chipset

#### Physical Locks

Kensington® Nano Security Slot, 2.5 x 6 mm

#### Fingerprint Reader

No fingerprint reader

#### BIOS Security

- Power-on password
- Supervisor password
- Hard disk password
- Self-healing BIOS

#### Other Security

Camera privacy shutter

## SERVICE

### Warranty

#### Base Warranty\*\*<sup>[1]</sup>

- 1-year depot service
- 2-year (1-yr battery) depot service
- No base warranty

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Notes:

1. More information of warranty policy, please access <https://pcsupport.lenovo.com/warranty>

## ENVIRONMENTAL

### Operating Environment

#### Temperature<sup>[1]</sup>

- At altitudes up to 2438 m (8,000 ft)
  - Operating: 5°C to 35°C (41°F to 95°F)
  - Storage: 5°C to 43°C (41°F to 109°F)
- At altitudes above 2438 m (8,000 ft)
  - Maximum temperature when operating under the unpressurized condition: 31.3°C (88°F)

#### Humidity

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage: 5% to 95% at wet-bulb temperature 27°C (81°F)

#### Altitude

Maximum altitude (without pressurization): 3048 m (10,000 ft)

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Notes:

1. When you charge the battery, its temperature must be no lower than 10°C (50°F).

## ACCESSORIES

### Bundled Accessories

#### Bundled Accessories

- Lenovo 15.6" laptop casual toploader, polyester, grey
- None

## CERTIFICATIONS

### Green Certifications

#### Green Certifications

- EPEAT™ Silver
- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

### Other Certifications

#### Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

- Feature with \*\* means that only one offering listed under the feature is configured on selected models.
- Feature with \*\*\* means that one or more offerings listed under the feature could be configured on selected models.
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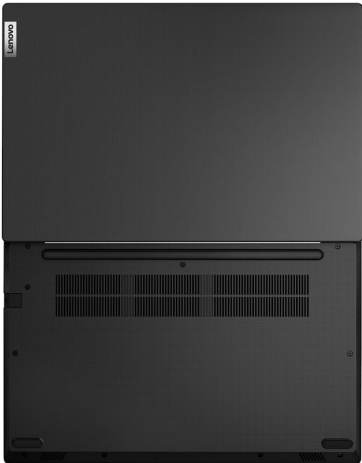
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