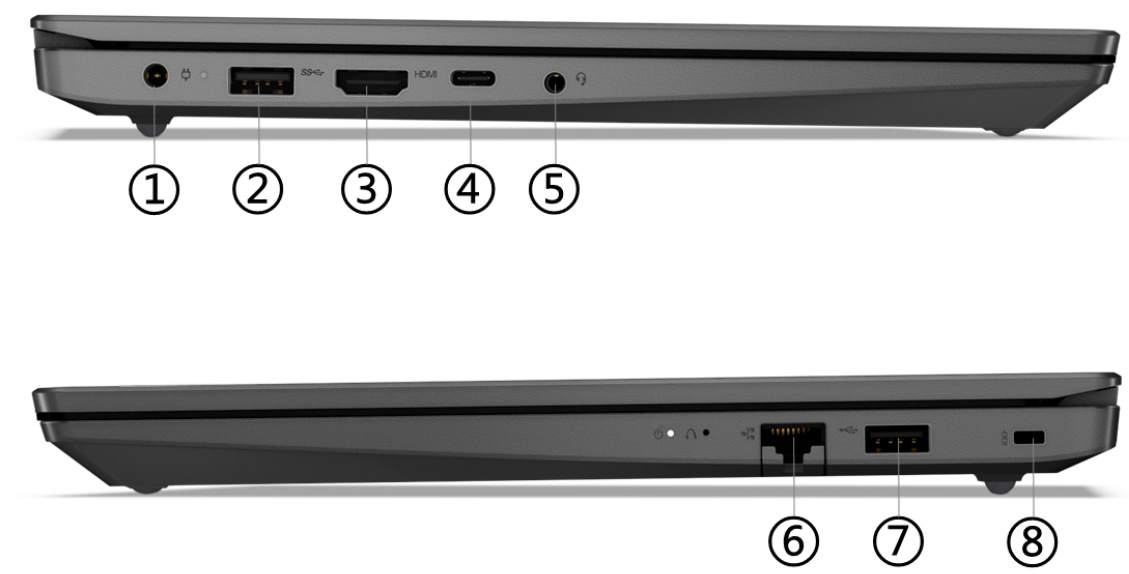


OVERVIEW



|                    |                                              |
|--------------------|----------------------------------------------|
| 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

13th Generation Intel® U or H Series Core i3 / i5 / i7 Processor

Processor\*\*

| Processor Name | Cores                    | Threads | Base Frequency                | Max Frequency                 | Cache | Processor Graphics                      |
|----------------|--------------------------|---------|-------------------------------|-------------------------------|-------|-----------------------------------------|
| Core i3-1315U  | 6 (2 P-core + 4 E-core)  | 8       | P-core 1.2GHz / E-core 0.9GHz | P-core 4.5GHz / E-core 3.3GHz | 10MB  | Intel® UHD Graphics                     |
| Core i5-1335U  | 10 (2 P-core + 8 E-core) | 12      | P-core 1.3GHz / E-core 0.9GHz | P-core 4.6GHz / E-core 3.4GHz | 12MB  | Intel® Iris® Xe Graphics <sup>[1]</sup> |
| Core i5-13420H | 8 (4 P-core + 4 E-core)  | 12      | P-core 2.1GHz / E-core 1.5GHz | P-core 4.6GHz / E-core 3.4GHz | 12MB  | Intel® UHD Graphics                     |
| Core i7-1355U  | 10 (2 P-core + 8 E-core) | 12      | P-core 1.7GHz / E-core 1.2GHz | P-core 5.0GHz / E-core 3.7GHz | 12MB  | Intel® Iris® Xe Graphics <sup>[2]</sup> |
| Core i7-13620H | 10 (6 P-core + 4 E-core) | 16      | P-core 2.4GHz / E-core 1.8GHz | P-core 4.9GHz / E-core 3.6GHz | 24MB  | Intel® UHD Graphics                     |

Notes:

[1], [2] Intel® Iris® Xe Graphics capability requires system to be configured with dual-channel memory. On the system with single-channel memory, Intel® Iris® Xe Graphics will function as Intel® UHD Graphics.

Operating System

Operating System\*\*

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

Graphics

Graphics\*\*

| Graphics                                | Type       | Memory | TGP           | Key Features  |
|-----------------------------------------|------------|--------|---------------|---------------|
| Intel® UHD Graphics                     | Integrated | Shared | Share CPU TDP | DirectX® 12.1 |
| Intel® Iris® Xe Graphics <sup>[1]</sup> | Integrated | Shared | Share CPU TDP | DirectX® 12.1 |

Notes:

[1] Intel® Iris® Xe Graphics capability requires system to be configured with dual-channel memory. On the system with 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 4096x2160@30Hz
- USB-C® supports up to 4096x2160@60Hz

Chipset

Chipset

Intel® SoC (System on Chip) platform

Memory

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

- Up to 16GB (16GB soldered + empty SO-DIMM slot) DDR4-2933 offering

- Up to 16GB (8GB soldered + 8GB SO-DIMM) DDR4-3200 offering
- Up to 24GB (8GB soldered + 16GB SO-DIMM) DDR4-3200 offering

Memory Slots

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

Memory Type\*\*

- DDR4-2933
- DDR4-3200

Notes:

[1] The max memory is based on the test results with current Lenovo® memory offerings.

Storage

Max Storage Support\*\*[1]

- Models 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 1TB
- Models with 45Wh battery: one drive, 1x M.2 SSD
  - M.2 2242 SSD up to 1TB

Storage Slot

- Models with 38Wh battery: one 2.5" drive slot + one M.2 slot
  - One 2.5" SATA HDD slot
  - One M.2 2280 PCIe® 4.0 x4 slot
- Models with 45Wh battery: one M.2 slot
  - One M.2 2280 PCIe® 4.0 x4 slot

Storage Type\*\*\*

| 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               |
| M.2 2242 SSD  | PCIe® NVMe®, PCIe® 4.0 x4 | -    | 256GB / 512GB / 1TB |

Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.

Removable Storage

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-microphone array

Camera

HD 720p, with privacy shutter, fixed focus

Battery

Battery\*\*

- 38Wh Rechargeable Li-ion Battery, supports Rapid Charge (charge up to 80% in 1hr)
- 45Wh Rechargeable Li-ion Battery, supports Rapid Charge (charge up to 80% in 1hr)

Max Battery Life[1]

- Models with 38Wh battery:  
MobileMark® 2018: 6.4 hr

- Local video (1080p) playback@150nits: 7.5 hr
- Models with 45Wh battery:  
MobileMark® 2018: 6.8 hr  
Local video (1080p) playback@150nits: 8.4 hr

Notes:

[1] All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark® 2018, MobileMark® 25, MobileMark® 30, JEITA 2.0, JEITA 3.0, 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 depending 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\*\*[1]

- 65W round tip (3-pin) AC adapter, 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\*\*

| Size  | Resolution      | Touch | Type   | Brightness | Surface    | Aspect Ratio | Contrast Ratio | Color Gamut | Refresh Rate | Viewing Angle (L/R/U/D) | Key Features                  |
|-------|-----------------|-------|--------|------------|------------|--------------|----------------|-------------|--------------|-------------------------|-------------------------------|
| 15.6" | FHD (1920x1080) | None  | TN     | 250nits    | Anti-glare | 16:9         | 500:1          | 45% NTSC    | 60Hz         | 45° / 45° / 15° / 35°   | TÜV Low Blue Light (Software) |
| 15.6" | FHD (1920x1080) | None  | IPS[1] | 300nits    | Anti-glare | 16:9         | 800:1          | 45% NTSC    | 60Hz         | 85° / 85° / 85° / 85°   | TÜV Low Blue Light (Software) |

Touchscreen

Non-touch

Notes:

[1] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

Input Device

Pen

No support

Keyboard

6-row, spill-resistant, multimedia Fn keys, SMB Service Hot key, numeric keypad

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

Dimensions (WxDxH)[1]

359.2 x 235.8 x 19.9 mm (14.14 x 9.28 x 0.78 inches)

Weight[2]

Starting at 1.65 kg (3.64 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 may vary depending on configurations.

[2] The system weight is approximate and based on results in Lenovo® lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

## CONNECTIVITY

### Network

**WLAN + Bluetooth®\*\***

- Wi-Fi® 5, 802.11ac 2x2 Wi-Fi® + Bluetooth® 5.1, M.2 Card
- Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 card<sup>[1]</sup>

**WWAN**

No support

**Ethernet**

Gigabit Ethernet, 1x RJ-45

---

**Notes:**

[1] Wi-Fi® 6 full features might be limited by country-level restrictions.

### 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 (20V only) and DisplayPort™ 1.2)
- 1x HDMI® 1.4b
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 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;

USB4® 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;

USB4® 40Gbps (USB 40Gbps): 40 Gbit/s;

Thunderbolt™ 3/4: 40 Gbit/s.

### Docking

**Docking**

Various docking solutions supported via USB-C®.

For more compatible docking solutions, please visit [Docking for Lenovo® V15 G4 IRU](#)

## SECURITY & PRIVACY

### Security

**Security Chip**

Firmware TPM 2.0 integrated in SoC

**Physical Locks**

Kensington® Nano Security Slot™, 2.5 x 6 mm

**Fingerprint Reader**

No fingerprint reader

**BIOS Security**

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

**Other Security**

Camera privacy shutter

## SERVICE

### Warranty

**Base Warranty\*\***

- 1-year courier or carry-in service
- 2-year (1-yr battery) courier or carry-in service
- No base warranty

## ACCESSORIES

### Bundled Accessories

**Bundled Accessories<sup>[1]</sup>**

- Lenovo® 15.6" laptop casual toplayer, polyester<sup>[2]</sup>
- None

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for Lenovo® V15 G4 IRU](#).

[2] Lenovo® 15.6" laptop casual toplayer is exclusively available to EMEA.

## OPERATING REQUIREMENTS

### 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)

**Relative 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)

Notes:

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

## CERTIFICATIONS

### Green Certifications<sup>[1]</sup>

**Green Certifications**<sup>[2][3]</sup>

- ENERGY STAR® 8.0
- EPEAT™ Silver Registered<sup>[4]</sup>
- ErP Lot 6/26
- FSC certified package
- RoHS compliant

**Notes:**

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration. For ESG & regulatory compliance documents, please visit <https://compliance.lenovo.com>.

[2] EPEAT™ registration and ENERGY STAR® certification are optional and only available on the models with preloaded OS. Please visit [epeat.net](https://epeat.net) and [energystar.gov](https://energystar.gov) for more information.

[3] EPEAT™ is only available for MT 83CC.

[4] EPEAT™ is registered where applicable, please visit [epeat.net](https://epeat.net) for registration status by country.

**Other Certifications****Mil-Spec Test**

MIL-STD-810H military test passed

**Other Certifications**

TÜV Rheinland® Low Blue Light (Software Solution)

- Feature with \*\* means that only one option listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
- Feature with \*\*\* means that one or more options listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
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