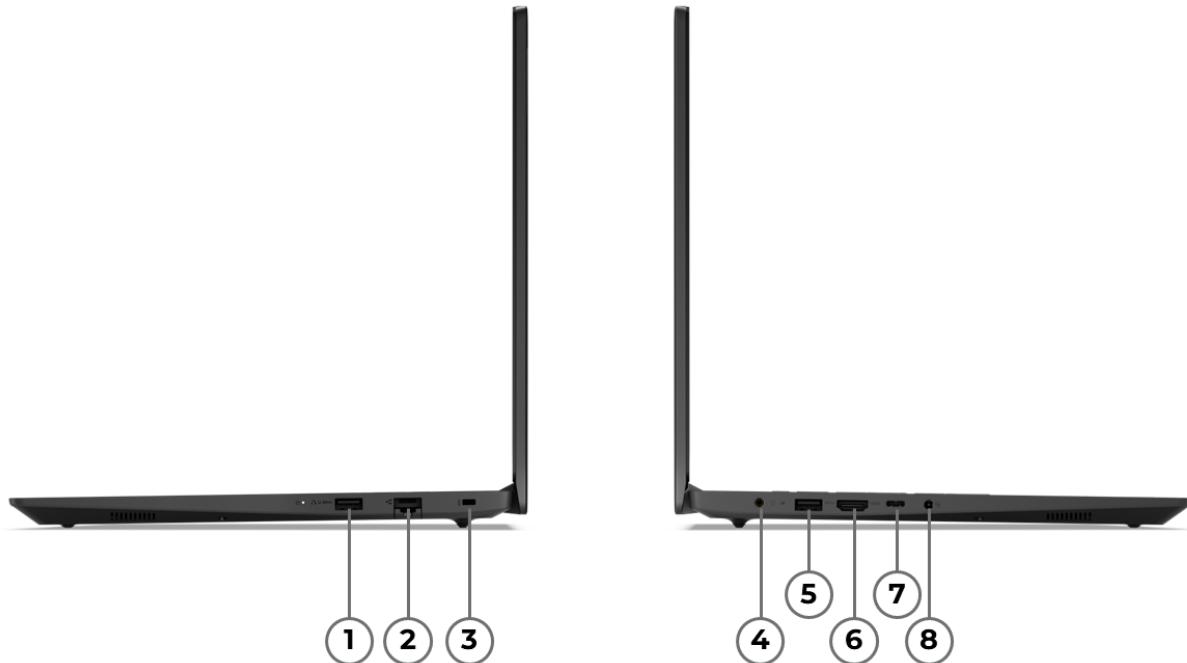


OVERVIEW



| | |
|----------------------------------|---|
| 1. USB-A (USB 5Gbps) | 5. USB-A (USB 5Gbps) |
| 2. Ethernet (RJ-45) | 6. HDMI |
| 3. Kensington Nano Security Slot | 7. USB-C (USB 10Gbps), with USB PD (20V) & DP 1.2 |
| 4. Power connector | 8. Headphone / microphone combo jack (3.5mm) |

PERFORMANCE

Processor

Processor Family

AMD Ryzen™ 3 / 5 / 7 100 Series Processor

Processor**

| Processor Name | Cores | Threads | Base Frequency | Max Frequency | Cache | Processor Graphics |
|------------------|-------|---------|----------------|---------------|------------------|--------------------|
| AMD Ryzen™ 3 110 | 4 | 8 | 3.0GHz | 4.3GHz | 2MB L2 / 8MB L3 | AMD Radeon™ 660M |
| AMD Ryzen™ 5 150 | 6 | 12 | 3.3GHz | 4.55GHz | 3MB L2 / 16MB L3 | AMD Radeon™ 660M |
| AMD Ryzen™ 7 170 | 8 | 16 | 3.2GHz | 4.75GHz | 4MB L2 / 16MB L3 | AMD Radeon™ 680M |

Operating System

Operating System**

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

Graphics

Graphics**

| Graphics | Type | Memory | TGP | Key Features |
|------------------|------------|--------|---------------|--------------|
| AMD Radeon™ 660M | Integrated | Shared | Share CPU TDP | DirectX® 12 |
| AMD Radeon™ 680M | Integrated | Shared | Share CPU TDP | DirectX® 12 |

Monitor Support

Monitor Support^[1]

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

Notes:

[1] Refresh rates >60Hz also supported, however max resolution will be limited.

Chipset

Chipset

AMD SoC (System on Chip) platform

Memory

Max Memory^[1]

Up to 32GB DDR5-4800 offering

Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

Memory Type^[2]

DDR5-4800

Notes:

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

[2] Installed memory is actually DDR5-5600 but runs as DDR5-4800 due to platform limitation.

Storage

Max Storage Support^[1]

One drive, up to 1TB M.2 2242 SSD

Storage Slot^[2]

One M.2 2280 PCIe® 4.0 x4 slot

Storage Type

| Disk Type | Interface | Offering |
|--------------|---------------------------|---------------------|
| 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.
 [2] The actual data transfer rate of the following PCIe® interface also depends on the capabilities of the connected PCIe® device. The listed values represent theoretical maximums.
 PCIe® 3.0 (x2 / x4): 2 GB/s (16 Gbps) / 4 GB/s (32 Gbps);
 PCIe® 4.0 (x2 / x4): 4 GB/s (32 Gbps) / 8 GB/s (64 Gbps);
 PCIe® 5.0 (x2 / x4): 8 GB/s (64 Gbps) / 16 GB/s (128 Gbps).

Removable Storage

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2

Microphone

Dual-microphone array

Camera

HD 720p, with privacy shutter, fixed focus

Battery

Battery

47Wh Rechargeable Li-ion Battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter

Max Battery Life^{[1][2]}

MobileMark® 30@250nits: up to 7.28 hr

Local video (1080p) playback@150nits: up to 11.65 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.

[2] Configuration (max battery life): FHD (non-touch), AMD Ryzen™ 7 170, 32GB DDR5, Win 11, 47Wh battery, best power efficiency power mode

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
- 65W USB-C® slim (2-pin, wall-mount) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- No power adapter

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) | Non-touch | TN | 300nits | Anti-glare | 16:9 | 500:1 | 45% NTSC | 60Hz | 45° / 45° / 15° / 35° | AMD FreeSync™, TÜV Low Blue Light (Software) |
| 15.6" | FHD (1920x1080) | Non-touch | IPS ^[1] | 300nits | Anti-glare | 16:9 | 800:1 | 45% NTSC | 60Hz | 85° / 85° / 85° / 85° | AMD FreeSync™, TÜV Low Blue Light (Software) |

Touchscreen

Non-touch

Screen-to-Body Ratio

87%

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, numeric keypad, key travel 1.3mm, Copilot key

Keyboard Backlight

Non-backlight

Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 70 x 105 mm (2.76 x 4.13 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 1.6 kg (3.53 lbs)

Case Color**

- Business black
- Luna grey

Case Material

PC-ABS (top), PC-ABS (bottom)

Surface Treatment**

- IMR (in-mold decoration by roller)
- Texture

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®^[1]

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

WWAN

No support

Ethernet

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

Notes:

[1] Wi-Fi® operation (including Wi-Fi® 6, Wi-Fi® 6E, Wi-Fi® 7, etc.) is subject to the regulatory requirements of each country. Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

Ports^[1]

Standard Ports

- 2x USB-A (USB 5Gbps)
- 1x USB-C® (USB 10Gbps), with USB Power Delivery (20V only) and DisplayPort™ 1.2
- 1x HDMI® 1.4b
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Round tip power connector

Notes:

[1] The transfer speed of the 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.

Docking

Docking

Various docking solutions supported via USB-C®.

For more compatible docking solutions, please visit [Docking for Lenovo® V15 G6 ARP](#)

SECURITY & PRIVACY

Security

Security Chip

Discrete TPM 2.0, TCG certified

Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

Fingerprint Reader

- Touch style fingerprint reader integrated in power button, match-on-chip
- No fingerprint reader

BIOS Security

- Administrator password
- Hard disk password
- Power-on password
- User 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^[1]

None

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for Lenovo® V15 G6 ARP](#).

OPERATING REQUIREMENTS

Operating Environment

Temperature^[1]

- 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).

ENVIRONMENTAL

Sustainability

Material^[1]

25-30% PCC recycled plastic used in the battery pack
90% PCC recycled plastic used in standard 65W USB-C® adapter
30% PCC recycled plastic used in standard 65W round tip adapter
100% recycled dry-pressed pulp cushion
90% recycled content in OBP bag
FSC certified content in carton and accessory box

Notes:

[1] PCC: Post Consumer Content, recycled materials from customers.

CERTIFICATIONS

Green Certifications^[1]

Green Certifications^{[2][3]}

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered^[4]
- ErP Lot 6/26
- RoHS compliant
- TCO Certified, generation 10

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 and energystar.gov for more information.

[3] EPEAT™ registration and TCO certification are only available for MT 83V4.

[4] EPEAT™ is registered where applicable, please visit 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.
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