## OVERVIEW




| | |
|---|---|
| 1. Power connector | 5. Headphone / microphone combo jack (3.5mm) |
| 2. USB 3.2 Gen 1 | 6. Ethernet (RJ-45) |
| 3. HDMI 1.4b | 7. USB 2.0 |
| 4. USB-C 3.2 Gen 1 (data transfer only) | 8. Kensington Nano Security Slot |

# PERFORMANCE

## Processor

**Processor Family**

AMD Ryzen™ 3 / 5 / 7 Processor

**Processor****

| Processor Name | Cores | Threads | Base Frequency | Max Frequency | Cache | Memory Support | Processor Graphics |
|---|---|---|---|---|---|---|---|
| AMD Ryzen 3 5300U | 4 | 8 | 2.6GHz | 3.8GHz | 2MB L2 / 4MB L3 | DDR4-3200 | AMD Radeon™ Graphics |
| AMD Ryzen 5 5500U | 6 | 12 | 2.1GHz | 4.0GHz | 3MB L2 / 8MB L3 | DDR4-3200 | AMD Radeon Graphics |
| AMD Ryzen 7 5700U | 8 | 16 | 1.8GHz | 4.3GHz | 4MB L2 / 8MB L3 | DDR4-3200 | AMD Radeon Graphics |

## Operating System

**Operating System****

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

## Graphics

**Graphics**

| Graphics | Type | Memory | Key Features |
|---|---|---|---|
| AMD Radeon Graphics | Integrated | Shared | DirectX® 12 |

## Monitor Support

**Monitor Support**

Supports up to 2 independent displays (native display and 1 external monitor via HDMI®)
• HDMI supports up to 3840x2160@30Hz

## Chipset

**Chipset**

AMD SoC (System on Chip) platform

## Memory

**Max Memory**[1]

- 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:

1. 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**[1]

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

**Storage Slot**

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 3x4 slot, supports M.2 2242/2280 SSD

**Storage Type**[***]

| Disk Type | Interface | RPM | Security |
|---|---|---|---|
| 2.5" SATA HDD | SATA 6Gb/s | 5.4K | - |
| M.2 2242 SSD | PCIe NVMe®, PCIe 3.0 x2 | - | - |
| M.2 2242 SSD | PCIe NVMe, PCIe 3.0 x4 | - | - |

Notes:

1. 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

**Camera**[**]

- 0.3-megapixel, with privacy shutter, fixed focus
- HD 720p, with privacy shutter, fixed focus

## Battery

**Battery**[**]

- 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**[1]

- MobileMark® 2018: 7.5 hr (38Wh)
- MobileMark 2018: 9 hr (45Wh)

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**[**][1]

- 65W round tip (2-pin, wall-mount) AC adapter, 100-240V, 50-60Hz
- 65W round tip (3-pin) AC adapter, 100-240V, 50-60Hz

Notes:

1. AC adapter offerings depend on the country.

## DESIGN

## Display

**Display**[**][1]

| Size | Resolution | Touch | Type | Brightness | Surface | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle | Key Features |
|---|---|---|---|---|---|---|---|---|---|---|
| 15.6" | FHD (1920x1080) | None | TN | 250 nits | Anti-glare | 16:9 | 500:1 | 45% NTSC | 90° | - |
| 15.6" | FHD (1920x1080) | None | IPS | 300 nits | Anti-glare | 16:9 | 800:1 | 45% NTSC | 170° | DC dimming |

**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, numeric keypad

**Keyboard Backlight**

No support

**Touchpad**

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP)

## Mechanical[1]

**Dimensions (WxDxH)**

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

**Weight**

1.7 kg (3.75 lbs)

**Case Color**[**]

- 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, Realtek RTL8111H-CG, 1x RJ-45, supports Wake-on-LAN

**WLAN + Bluetooth®**

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

## Ports[1]

**Standard Ports**

- 1x USB 2.0

- 1x USB 3.2 Gen 1
- 1x USB-C 3.2 Gen 1 (support data transfer only)
- 1x HDMI 1.4b
- 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

## Docking

### Docking

Various docking solutions supported via USB-C.
For more compatible docking solutions, please visit Docking for Lenovo V15 G2 ALC

# SECURITY & PRIVACY

## Security

### Security Chip

Firmware TPM 2.0 integrated in chipset

### Physical Locks

Kensington® Nano Security Slot

### Fingerprint Reader

No fingerprint reader

### BIOS Security

- Power-on password
- Supervisor password
- Hard disk password

### Other Security

Camera privacy shutter

# SERVICE

## Warranty

### Base Warranty**[1]

- 1-year depot service
- 2-year (1-yr battery) depot service

Notes:

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

# ENVIRONMENTAL

## 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)

**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

**Green Certifications**

- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

## Other Certifications

**Other Certifications**

TÜV Rheinland® Low Blue Light

- 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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