

**OVERVIEW**



1. USB 3.2 Gen 1 (Always On)	7. Power connector
2. Headphone / microphone combo jack (3.5mm)	8. Kensington Security Slot
3. Ethernet (RJ-45)	9. Power light
4. USB-C 3.2 Gen 1 (data transfer / DP 1.2 only)	10. NOVO button hole
5. 2x USB 3.2 Gen 1	11. USB 3.2 Gen 1
6. HDMI 2.0	

## PERFORMANCE

### Processor

#### Processor Family

AMD Ryzen™ 5 / 7 Processor

### Operating System

#### Operating System\*\*

- Windows® 10 Pro 64
- Windows 10 Home 64
- FreeDOS
- No operating system

### 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@60Hz
- USB-C supports up to 3840x2160@60Hz

### Chipset

#### Chipset

AMD SoC (System on Chip) platform

### Memory

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

Up to 16GB DDR4-3200 offering

#### Memory Slots

Two DDR4 SO-DIMM slots, 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<sup>[1]</sup>

- HDD/SSD mode: up to two drives, 1x 2.5" HDD + 1x M.2 SSD
  - 2.5" HDD up to 2TB
  - M.2 2242 SSD up to 512GB
  - M.2 2280 SSD up to 1TB
- Dual SSD mode: up to two drives, 2x M.2 SSD
  - M.2 2242 SSD up to 512GB
  - M.2 2280 SSD up to 1TB

#### Storage Slot

- HDD/SSD mode: 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
- Dual SSD mode: two M.2 slots
  - Two M.2 2280 PCIe Gen 3x4 slots, support M.2 PCIe 2242/2280 SSD

#### Storage Type\*\*\*

Disk Type	Interface	RPM	Security
2.5" SATA HDD	SATA 6Gb/s	5.4K	-
2.5" SATA HDD	SATA 6Gb/s	7.2K	-
M.2 2242 SSD	PCIe NVMe®, PCIe 3.0 x4	-	-

M.2 2280 SSD	PCIe NVMe, PCIe 3.0 x4	-	-
--------------	------------------------	---	---

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, 2W x2, Dolby® Atmos® for gaming, Harman Speakers

### Microphone

Dual array microphone

### Camera

HD 720p, with privacy shutter, fixed focus

## Battery

### Battery\*\*

- Integrated Li-Polymer 60Wh battery, supports Rapid Charge Pro (charge up to 50% in 30min)
- Integrated Li-Polymer 80Wh battery, supports Rapid Charge Pro (charge up to 50% in 30min)

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

- MobileMark® 2018: 4.2 hr (60Wh)
- MobileMark 2018: 5.7 hr (80Wh)

Notes:

- 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>

230W slim tip (3-pin) AC adapter, 100-240V, 50-60Hz

Notes:

- 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	Key Features
15.6"	FHD (1920x1080)	None	IPS	250 nits	Anti-glare	16:9	-	45% NTSC	-	Refresh rate 120Hz, DC dimmer
15.6"	FHD (1920x1080)	None	IPS	300 nits	Anti-glare	16:9	-	100% sRGB	-	Refresh rate 60Hz, DC dimmer
15.6"	FHD	None	IPS	300 nits	Anti-	16:9	-	100%	-	Refresh rate 144Hz,

(1920x1080)				glare			sRGB		DC dimmer, Dolby Vision™
-------------	--	--	--	-------	--	--	------	--	--------------------------

**Touchscreen**

Non-touch

**Notes:**

- 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, multimedia Fn keys, numeric keypad

**Keyboard Backlight\*\***

- White backlight
- 4-Zone RGB backlight

**Touchpad**

Buttonless Mylar® surface multi-touch touchpad

**Mechanical<sup>[1]</sup>****Dimensions (WxDxH)**

363.06 x 259.61 x 23.57-26.1 mm (14.3 x 10.22 x 0.93-1.03 inches)

**Weight**

2.46 kg (5.42 lbs)

**Case Color**

Phantom black

**Surface Treatment**

Painting

**Case Material**

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

**System Lighting**

No system lighting

**Notes:**

- The system dimensions and weight vary depending on configurations.

**CONNECTIVITY****Network****Ethernet**

Gigabit Ethernet

**WLAN + Bluetooth®\*\*<sup>[1][2]</sup>**

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

**Notes:**

- Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation
- Wi-Fi 6 full features might be limited by country-level restrictions.

**Ports<sup>[1]</sup>****Standard Ports**

- 3x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 1x USB-C 3.2 Gen 1 (support data transfer and DisplayPort™ 1.2)

- 1x HDMI 2.0
- 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

## SECURITY & PRIVACY

### Security

#### Security Chip

Firmware TPM 2.0 integrated in chipset

#### Physical Locks

Kensington® Security Slot, 3 x 7 mm

#### Fingerprint Reader

No fingerprint reader

#### BIOS Security

- Administrator password
- Power-on password
- Hard disk password

#### Other Security

Camera privacy shutter

## SERVICE

### Warranty

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

- 1-year depot service
- 1-year depot with 2-year system board service (Korea only)
- 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<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)

## Notes:

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

## ACCESSORIES

### Bundled Accessories

#### Bundled Accessories

- Lenovo Legion™ M300 RGB Gaming Mouse (USB connector)
- None

## CERTIFICATIONS

### Green Certifications

#### Green Certifications

- ErP Lot 3
- RoHS compliant

- 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.
- Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. LENOVO PROVIDES THIS PUBLICATION “AS IS,” WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions, therefore this disclaimer may not apply to you.
- The specifications on this page may not be available in all regions, and may be changed or updated without notice.



AMD



AMD



AMD



AMD



AMD



AMD