

**OVERVIEW**



1. USB-C 3.2 Gen 1 (data transfer / DP 1.4 only)	4. USB-C 3.2 Gen 1
2. USB 3.2 Gen 1 (Always On)	5. USB 3.2 Gen 1
3. Power button	6. Headphone / microphone combo jack (3.5mm)

## PERFORMANCE

### Processor

#### Processor Family

AMD Ryzen™ 5 / 7 or AMD Ryzen 5 / 7 Processor

#### Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
AMD Ryzen 5 4500U	6	6	2.3GHz	4.0GHz	3MB L2 / 8MB L3	DDR4-3200	AMD Radeon™ Graphics
AMD Ryzen 5 PRO 4650U	6	12	2.1GHz	4.0GHz	3MB L2 / 8MB L3	DDR4-3200	AMD Radeon Graphics
AMD Ryzen 7 4700U	8	8	2.0GHz	4.1GHz	4MB L2 / 8MB L3	DDR4-3200	AMD Radeon Graphics

### Operating System

#### Operating System

- Windows® 10 Home 64
- Windows 10 Pro 64

### Graphics

#### Graphics

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

### Monitor Support

#### Monitor Support

Supports up to 3 independent displays via native display and 2 external monitors; supports external monitors via USB-C (up to 3840x2160@60Hz)

### Chipset

#### Chipset

AMD SoC (System on Chip) platform

### Memory

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

- 8GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable

#### Memory Slots

Memory soldered to systemboard, no slots

#### 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

One drive, up to 512GB M.2 2242 SSD or 1TB M.2 2280 SSD

#### Storage Slot

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

#### Storage Type

Disk Type	Interface	RPM	Offering	Security
M.2 2242 SSD	PCIe NVMe, PCIe 3.0 x4	-	256GB / 512GB	-
M.2 2280 SSD	PCIe NVMe, PCIe 3.0 x4	-	1TB	-

## Removable Storage

### Optical

None

### Card Reader

No card reader

## Multi-Media

### Audio Chip

High Definition (HD) Audio

### Speakers

Stereo speakers, 1.5W x2, optimized with Dolby® Atmos®

### Microphone

Dual array microphone

### Camera

1.0-megapixel RGB, 720p, with privacy shutter, fixed focus

## Sensor

### Sensors

Accelerometer (G) sensor

## Battery

### Battery

Integrated Li-Polymer 60Wh battery

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

- Local video (1080p) playback: 18 hr
- MobileMark® 2014: 18 hr

### Notes:

1. All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, and/or JEITA 2.0 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

45W USB-C (3-pin) AC adapter

## DESIGN

## Display

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

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
13.3"	FHD (1920x1080)	Multi-touch	IPS	300 nits	Anti-scratch	16:9	-	72% NTSC	-	AAR 88%

### Touchscreen

OGS (One Glass Solution) multi-touch, supports 10-point touch

### Multi-mode

Laptop, tent, stand and tablet modes supported by 360° hinge

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**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

### Pen

- Lenovo Digital Pen with replaceable battery
- Lenovo Digital Pen without replaceable battery
- No pen (pen needs to be purchased separately)

### Keyboard

6-row, multimedia Fn keys

### Keyboard Backlight

LED backlight

### Touchpad

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

## Mechanical

### Dimensions (WxDxH)

308.1 x 206.5 x 17.1-18.3 mm (12.12 x 8.12 x 0.67-0.72 inches)

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

1.32 kg (2.91 lbs)

### Case Color

Abyss blue

### Surface Treatment

Fabric

### Case Material

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

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**Notes:**

1. The system weight varies depending on configurations

## CONNECTIVITY

### Network

#### WLAN + Bluetooth®

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

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

#### Standard Ports<sup>[2]</sup>

- 1x 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™ 1.4)
- 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0 and DisplayPort 1.4)
- 1x Headphone / microphone combo jack (3.5mm)

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**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: 40 Gbit/s;  
FireWire 400: 400 Mbit/s;  
FireWire 800: 800 Mbit/s

2. Depending on many factors, actual data transfer speed may be lower than theoretical speed

## SECURITY & PRIVACY

### Security

#### Security Chip

Firmware TPM 2.0 integrated in chipset

#### Fingerprint Reader

Touch style fingerprint reader on palm rest

#### BIOS Security

- Administrator password
- User password
- Master hard disk password
- User hard disk password

## SERVICE

### Warranty

#### Base Warranty

- 1-year depot service
- 1-year depot with 2-year system board service
- 2-year (1-yr battery) depot service

## 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 and transportation: 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

