

OVERVIEW



1. Power connector	5. USB-C 3.1 Gen 1
2. USB 3.1 Gen 1	6. USB 3.1 Gen 1
3. Headphone / microphone combo jack (3.5mm)	7. Power button
4. Dummy micro-SIM card reader (no function)	

PERFORMANCE

Processor

Processor Family

10th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor\*\*

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Core i3-10110U	2	4	2.1GHz	4.1GHz	4MB	DDR4-2666	Intel UHD Graphics
Core i5-10210U	4	8	1.6GHz	4.2GHz	6MB	DDR4-2666	Intel UHD Graphics
Core i7-10510U	4	8	1.8GHz	4.9GHz	8MB	DDR4-2666	Intel UHD Graphics

Operating System

Operating System\*\*

- Windows® 10 Pro 64
- Windows 10 Pro in S mode
- Windows 10 Home 64
- Windows 10 Home 64 Single Language
- Windows 10 Home in S mode

Graphics

Graphics

Graphics	Type	Memory	Key Features
Intel UHD Graphics	Integrated	Shared	DirectX® 12.1

Monitor Support

Monitor Support

Supports up to 2 independent displays (native display and 1 external monitor via USB-C®)

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

Chipset

Chipset

Intel 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

DDR4-2400

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>

One drive, up to 512GB M.2 2242 SSD

Storage Slot

One M.2 2242 PCIe® 3.0 x2 slot

Storage Type

Disk Type	Interface	Offering
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M.2 2242 SSD	PCIe NVMe®, PCIe 3.0 x2	128GB / 256GB / 512GB
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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

**Speakers**  
Stereo speakers, 2W x2, optimized with Dolby® Atmos®

**Microphone**  
Dual array microphone

**Camera**  
720p (HD) webcam, support privacy shutter, fixed focus

Sensor

**Sensors**

- Accelerometer (G) sensor
- Proximity (P) sensor

Battery

**Battery**  
Integrated Li-Polymer 60Wh battery

**Max Battery Life**<sup>[1]</sup>  
MobileMark® 2014: 22 hr  
Local video (1080p) playback@150nits: 24 hr

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**<sup>[1]</sup>  
45W round tip (2-pin, wall-mount) AC adapter, 100-240V, 50-60Hz

Notes:

1. 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
13.3"	FHD	Multi-	IPS	300 nits	Anti-	16:9	-	72%	-	-

	(1920x1080)	touch			glare			NTSC		
13.3"	FHD (1920x1080)	Multi-touch	IPS	400 nits	Anti-glare	16:9	-	72% NTSC	-	-

Touchscreen

Capacitive-type multi-touch, supports 10-point 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>

Multi-mode

Multi-mode

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

Input Device

Pen

- Lenovo Digital Pen with replaceable AAAA alkaline battery, 4096 levels of pressure sensitivity. For more information, please read [Lenovo Digital Pen Overview](#)
- No pen (pen sold separately)

Keyboard

6-row, multimedia Fn keys

Keyboard Backlight

LED backlight

Touchpad

Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 62 x 104 mm (2.44 x 4.09 inches)

Mechanical<sup>[1]</sup>

Dimensions (WxDxH)

306 x 204.48 x 16.95 mm (12.05 x 8.05 x 0.67 inches)

Weight

Around 1.35 kg (2.98 lbs)

Case Color

Iron grey

Surface Treatment

Anodizing sandblasting

Case Material

Aluminium (top), PC / 30% GF (bottom)

Notes:

- 1. The system dimensions and weight vary depending on configurations.

CONNECTIVITY

Network

WLAN + Bluetooth<sup>[1]</sup>

Wi-Fi® 5, 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 card

Notes:

- 1. Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation

Ports<sup>[1]</sup>

Standard Ports

- 2x USB 3.2 Gen 1

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

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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™ 3/4: 40 Gbit/s

## 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

#### Other Security

Camera privacy shutter

## SERVICE

### Warranty

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

- 1-year courier or carry-in service
- 1-year courier or carry-in with 2-year system board service (Korea only)
- 2-year (1-yr battery) courier or carry-in service

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**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 and transportation: 5% to 95% at wet-bulb temperature 27°C (81°F)

#### Altitude

Maximum altitude (without pressurization): 3048 m (10,000 ft)

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**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

- Feature with \*\* means that only one offering listed under the feature is configured on selected models.
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