OVERVIEW

1.	Power button	5.	Card reader
2.	Volume button	6.	Headphone / microphone combo jack (3.5mm)
3.	USB-C 3.2 Gen 1 (data transfer / Always On)	7.	USB-C 3.2 Gen 1
4.	Bluetooth keyboard switch button	8.	USB-C 3.2 Gen 1

Notes:
- Card slot is for microSD card (WLAN model) or nano-SIM + microSD card (WWAN model)

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 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 Home 64
- No operating system

Graphics

Graphics

Graphics	Type	Memory	Key Features
Intel UHD Graphics	Integrated	Shared	DirectX® 12

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[1]

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

Memory Slots

Memory soldered to systemboard, no slots

Memory Type

DDR4-2666

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]

- One drive, up to 1TB M.2 2242 SSD
- MicroSD card, supports FAT32 file up to 256GB, exFAT file up to 1TB

Storage Slot

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

Storage Type

Disk Type	Interface	RPM	Offering	Security
M.2 2242 SSD	PCIe NVMe®, PCIe 3.0 x4	-	128GB / 256GB / 512GB / 1TB	-

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

MicroSD card reader

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

Stereo speakers, 1W x2, optimized with Dolby® Audio™

Microphone

Dual array microphone with noise-cancelling

Camera

Front 5.0-megapixel IR & RGB hybrid, fixed focus, rear 5.0-megapixel, autofocus

Sensor

Sensors

- Accelerometer (G) sensor
- Gyroscope sensor
- Hall sensor

Battery

Battery

Integrated Li-Polymer 41Wh battery

Max Battery Life[1]

MobileMark® 2014: 10.8 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[1]

45W USB-C (3-pin) AC adapter, supports PD 3.0, 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
13.0"	WQHD (2160x1350)	Multi-touch	IPS	450 nits	Anti-fingerprint	16:10	1000:1	100% sRGB	178°	Corning® Gorilla® Glass, Dolby Vision™

Touchscreen

OGM (One Glass Metal mesh) Direct Bonding, 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

Input Device

Pen**[1]

- Lenovo E-color Pen with built-in rechargeable battery, 4096 levels of pressure sensitivity. For more information, please read Lenovo E-Color Pen Overview
- Lenovo Digital Pen with replaceable AAAA alkaline battery, 4096 levels of pressure sensitivity. For more information, please read Lenovo Digital Pen Overview
- Lenovo Digital Pen without 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 (Bluetooth® 5.0 backlit keyboard)

Keyboard Backlight

- LED backlight
- No support

Touchpad

Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 69 x 104 mm (2.72 x 4.09 inches)

Notes:

1. Battery needs to be purchased separately for the models without battery

Mechanical[1]

Dimensions (WxDxH)

Pad: 297.4 x 207.4 x 9.19 mm (11.7 x 8.16 x 0.36 inches)
Folio keyboard: 297.4 x 221.2 x 6 mm (11.7 x 8.70 x 0.23 inches)

Weight

Pad: around 798.8 g (1.76 lbs)
Folio keyboard: 369.5 g (0.81 lbs)
Total: 1,168.3 g (2.57 lbs)

Case Color**

- Orchid
- Slate grey

Surface Treatment

Pad: soft painting
Kickstand: metallic painting

Case Material

Magnesium-aluminium + PC + ABS (top), PC + ABS with fabric (bottom)

Others

Buttons: power key with LED, volume key

Notes:

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

CONNECTIVITY

Network

WLAN + Bluetooth

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

Ports[1]

Standard Ports

- 1x USB-C 3.2 Gen 1 (support data transfer and Always On)
- 2x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0, and DisplayPort™ 1.2)
- 1x microSD card reader
- 1x Headphone / microphone combo jack (3.5mm)

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

SECURITY & PRIVACY

Security

Security Chip

Discrete TPM 2.0, TCG certified

Fingerprint Reader

No fingerprint reader

BIOS Security

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

Other Security

IR camera for Windows Hello

SERVICE

Warranty

Base Warranty**[1]

- 1-year depot service
- 1-year depot with 2-year system board 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 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

Other Certifications

Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

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

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