PERFORMANCE

Processor

Processor Family

10th Generation Intel® Core™ 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

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

Graphics

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

Monitor Support

Supports up to 2 independent displays via native display and 1 external monitor; supports external monitor via USB-C (up to 3840x2160@60Hz)

Chipset

Intel SoC (System on Chip) platform

Memory

Memory Type

DDR4-2400

Memory Slots

Memory soldered to systemboard, no slots

Max Memory

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

Notes:

- 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

Storage Type

Disk Type	Interface	RPM	Security
M.2 2242 SSD	PCIe NVMe, PCIe 3.0 x2	-	-

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

Stereo speakers, 2W x2, Dolby® Atmos®

Microphone

Dual array microphone

Camera

720p, with privacy shutter, fixed focus

Sensor

Sensors

- Accelerometer (G) sensor
- Proximity sensor

Battery

Battery

Integrated Li-Polymer 60Wh battery

Max Battery Life

MobileMark® 2014: 22 hr

Notes:

- 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

45W round tip (Wall Mount) AC adapter

DESIGN

Display

Display

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

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

Touchscreen

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

Multi-mode

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

Input Device

Pen

- Lenovo Digital Pen with 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)

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

Weight

1.35 kg (2.98 lbs)

Case Color

Iron grey

Surface Treatment

Anodizing sandblasting

Case Material

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

Others

GPS

CONNECTIVITY

Network

WLAN + Bluetooth™

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

WWAN

Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card

Ports

Standard Ports

- 2x USB 3.1 Gen 1
- 1x USB-C 3.1 Gen 1 (support data transfer and DisplayPort™)
- 1x headphone / microphone combo jack (3.5mm)
- 1x power connector

Notes:

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

SECURITY & PRIVACY

Security

Physical Locks

No physical locks

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

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

CERTIFICATIONS

Green Certifications

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











