

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
Core i7-10710U	6	12	1.1GHz	4.7GHz	12MB	DDR4-2666	Intel UHD Graphics

Operating System

Operating System

- Windows® 10 Home 64
- Windows 10 Pro 64

Graphics

Graphics

Graphics	Type	Memory	Key Features
Intel UHD 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 HDMI® (up to 3840x2160@30Hz) or USB-C (up to 3840x2160@60Hz)

Chipset

Chipset

Intel SoC (System on Chip) platform

Memory

Memory Type

DDR4-2666

Memory Slots

One DDR4 SO-DIMM slot

Max Memory^[1]

Up to 16GB DDR4-2666

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 2280 SSD

Storage Type

Disk Type	Interface	RPM	Security
M.2 2280 SSD	PCIe NVMe, PCIe 3.0 x4	-	-

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

Stereo speakers, 2W x2, Dolby® Audio™, HARMAN-branded

Microphone

Four array microphones

Camera

720p, fixed focus

Battery

Battery

Integrated Li-Polymer 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

Max Battery Life^[1]

MobileMark® 2014: 10 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

Power Adapter

65W USB-C slim AC adapter

DESIGN

Display

Display^[1]

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
10.8"	FHD (1920x1080)	Single-touch	E Ink	-	Anti-glare	16:9	-	Monochromatic	-	Reflectance 35%
13.3"	FHD (1920x1080)	None	IPS	300 nits	Anti-glare	16:9	-	100% sRGB	-	Dolby Vision™

Touchscreen^[2]

Capacitive-type touch, supports single touch with active pen or finger

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>
- E Ink Note and E Ink Reader allow to use the pen or finger, but not both, to draw or write with an input method switch

Input Device

Pen

- Lenovo Precision Pen for E Ink screen only, with 4096 pressure levels and the hover function, magnet inside the pen, single AAAA battery
- Lenovo Precision Pen for E Ink screen only, with 4096 pressure levels and the hover function, magnet inside the pen, without AAAA battery

Keyboard

6-row, spill-resistant, multimedia Fn keys

Keyboard Backlight

LED backlight

Touchpad

Buttonless Mylar® surface multi-touch touchpad

Mechanical**Dimensions (WxDxH)**

308 x 217 x 17.4 mm (12.13 x 8.54 x 0.69 inches)

Weight

1.4 kg (3.09 lbs)

Case Color

Iron grey

Surface Treatment

Anodizing sandblasting

Case Material

Aluminium + Corning® Gorilla® Glass (top), aluminium (bottom)

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

No Ethernet

WLAN + Bluetooth™^[1]

802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card

Notes:

1. WiFi 6 full features might be limited by country level restrictions

Ports^[1]**Standard Ports^[2]**

- 1x USB-C 3.2 Gen 2 (support data transfer, Power Delivery and DisplayPort™)
- 1x USB 3.1 Gen 1
- 1x USB 3.1 Gen 1 (Always On)
- 1x HDMI 1.4b
- 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: 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**

Discrete TPM 2.0, TCG certified

Fingerprint reader

Touch style fingerprint reader on power button

BIOS Security

- Power-on password
- Supervisor password
- 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

CERTIFICATIONS

Green Certifications

Green Certifications

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

