

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

### Operating System

- Windows® 10 Home 64
- Windows 10 Pro 64

### Graphics

Graphics	Type	Memory	Key Features
Intel UHD Graphics	Integrated	Shared	DirectX® 12
NVIDIA® GeForce® MX250	Discrete	2GB GDDR5	DirectX 12
NVIDIA GeForce MX350	Discrete	2GB GDDR5	DirectX 12

### Monitor Support

Supports up to 3 independent displays via native display and 2 external monitors; supports external monitors via USB-C (up to 4096x2160@60Hz)

### Chipset

Intel SoC (System on Chip) platform

### Memory

#### Memory Type

DDR4-2666

#### 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 1TB M.2 2280 SSD

#### Storage Type

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

### Removable Storage

#### Optical

Not Support

**Card Reader**

Not Support

**Multi-Media****Audio Chip**

High Definition (HD) Audio

**Speakers**

Stereo speakers, 2W x2, Dolby® Audio™

**Microphone**

Dual array microphone

**Camera**

IR &amp; 720p, with ToF sensor, fixed focus

**Battery****Battery**

Integrated Li-Polymer 56Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

**Max Battery Life**

MobileMark® 2014: 18 hr

Local Video (1080p) Playback@150nits: 20 hr

**Notes:**

- All battery life claims are approximate maximum and based on results using the MobileMark 2014 and/or MobileMark 2018 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**

65W USB-C AC adapter

**DESIGN****Display****Display**

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
13.3"	QHD (2560x1600)	None	IPS	300 nits	Glossy	16:10	-	100% sRGB	-	-

**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**

Non-touch

**Input Device****Keyboard**

6-row, multimedia Fn keys

**Keyboard Backlight**

LED backlight

**Touchpad**

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

**Mechanical**

**Dimensions (WxDxH)**

296.9 x 208.5 x 15.95 mm (11.69 x 8.21 x 0.63 inches)

**Weight**

Models	Weight
Integrated graphics models	1.25 kg (2.76 lbs)
Discrete graphics models	1.28 kg (2.82 lbs)

**Case Color**

- Frost white
- Ice blue
- Iron grey
- Light silver

**Surface Treatment**

Anodizing Sandblasting

**Case Material**

Aluminium (top), Aluminium (bottom)

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

Not Support

**WLAN + Bluetooth™**

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

**Ports****Standard Ports**

- 1x USB 3.1 Gen 1 (Always On)
- 2x USB-C 3.1 Gen 1 (support data transfer, Power Delivery and DisplayPort™)
- 1x headphone / microphone combo jack (3.5mm)

**Notes:**

- 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**

Not Support

**BIOS Security**

- Power-on password
- Administrator password
- Hard disk password

**Other Security**

IR camera for Windows Hello

**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

- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS

