

## PERFORMANCE

### Processor

#### Processor Family

11th Generation Intel® Core™ i3 / i5 / i7 Processor

#### Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Core i5-1135G7	4	8	2.4GHz	4.2GHz	8MB	DDR4-3200	Intel Iris® Xe Graphics
Core i7-1165G7	4	8	2.8GHz	4.7GHz	12MB	DDR4-3200	Intel Iris Xe Graphics

### Operating System

- Windows® 10 Home 64
- Windows 10 Pro 64
- No operating system

### Graphics

Graphics	Type	Memory	Key Features
Intel Iris Xe Graphics	Integrated	Shared	DirectX® 12

#### Notes:

- On the system with Intel Core i5 or i7 processor and single-channel memory, Intel Iris Xe Graphics will function as Intel UHD graphics.

### Monitor Support

Supports up to 2 independent displays via native display and 1 external monitor; supports external monitors via Thunderbolt™ (up to 7680x4320@30Hz)

### Chipset

Intel SoC (System on Chip) platform

### Memory

#### Memory Type

DDR4-3200

#### 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

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

#### Storage Type

Disk Type	Interface	RPM	Security
M.2 2242 SSD	PCIe NVMe, PCIe 3.0 x4	-	-

### Removable Storage

#### Optical

None

### Card Reader

MicroSD card reader

## Multi-Media

### Audio Chip

High Definition (HD) Audio

### Speakers

Stereo speakers, 1W x2, Dolby® Audio™

### Microphone

Dual array microphone with noise-canceling

### Camera

Front 5.0-megapixel + IR, fixed focus; and rear 5.0-megapixel, auto focus

## Sensor

### Sensors

- Ambient light sensor (ALS)
- Gyroscope sensor
- Hall sensor
- Accelerometer (G) sensor
- ToF sensor

## Battery

### Battery

Integrated Li-Polymer 41Wh battery

### Max Battery Life

- MobileMark® 2018: 8.02 hr
- Local Video (1080p) Playback: 13.8 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

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"	WQHD (2160x1350)	Multi-touch	IPS	450 nits	AF (Anti-fingerprint)	16:10	1000:1	100% sRGB	178°	Dolby Vision™, Corning® Gorilla® Glass 3

### 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

OGM (One Glass Metal mesh) multi-touch, supports 10-point touch

## Input Device

**Pen**

- Lenovo Digital Pen with replaceable battery
- Lenovo E-color Pen
- No pen (pen needs to be purchased separately)

**Keyboard**

6-row, multimedia Fn keys (Bluetooth™ 5.0 Backlit Keyboard)

**Keyboard Backlight**

LED backlight

**Touchpad**

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

**Mechanical****Dimensions (WxDxH)**

Pad: 297.4 x 207.4 x 9.19 mm (11.7 x 8.16 x 0.36 inches)

Folio case: 297.4 x 221.2 x 6 mm (11.7 x 8.70 x 0.23 inches)

**Weight**

Pad: Around 802.2 g (1.76 lbs)

Folio: 381.3 g (0.84 lbs)

**Case Color**

- Orchid
- Slate grey

**Surface Treatment**

Pad: Metallic painting

Kickstand: Metallic painting

**Case Material**

Magnesium-aluminium + PC + ABS (Top), PC + ABS with Fabric (Bottom)

**Others**

Buttons: Power key with LED, volume key

**CONNECTIVITY****Network****WLAN + Bluetooth**

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

**Ports****Standard Ports**

- 1x USB-C 3.2 Gen 1 (Always On)
- 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0)
- 1x Thunderbolt 4 / USB4™ 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x microSD card reader
- 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****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-year depot service
- 2-year (1-yr battery) depot service

## CERTIFICATIONS

### Green Certifications

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

### Other Certifications

TÜV Rheinland Low Blue Light certified



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