

## PERFORMANCE

### Processor

#### Processor Family

11th Generation Intel® Core™ 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	LPDDR4x-4266	Intel Iris® Xe Graphics
Core i7-1165G7	4	8	2.8GHz	4.7GHz	12MB	LPDDR4x-4266	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

### Monitor Support

Supports up to 4 independent displays via native display and 3 external monitors; supports external monitors via USB-C (up to 5K@60Hz) or Thunderbolt™ (up to 5K@60Hz)

### Chipset

Intel SoC (System on Chip) platform

### Memory

#### Memory Type

LPDDR4x-4266

#### Memory Slots

Memory soldered to systemboard, no slots, dual-channel capable

#### 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 4.0 x4	-	-
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® Atmos®, HARMAN-branded

### Microphone

Dual array microphone

### Camera

IR & 720p, with ToF sensor, fixed focus

## Sensor

### Sensors

Ambient light sensor (ALS)

## Battery

### Battery

Integrated Li-Polymer 50Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)

### Max Battery Life

MobileMark® 2014: 13 hr

Local Video (1080p) Playback@150nits: 15 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 slim (Wall Mount) AC adapter
- 65W USB-C slim 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	Anti-glare	16:10	-	100% sRGB	-	Low Power, Dolby Vision™
13.3"	QHD (2560x1600)	None	IPS	300 nits	Anti-glare	16:10	-	100% sRGB	-	Dolby Vision

#### 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)

295.88 x 208.85 x 14.25-15 mm (12.09 x 8.27 x 0.47-0.49 inches)

### Weight

966 g (2.13 lbs)

### Case Color

Moon white

### Surface Treatment

Painting

### Case Material

Carbon Fiber (top), Magnesium-aluminium (bottom)

## CONNECTIVITY

### Network

#### Onboard Ethernet

Not Support

#### WLAN + Bluetooth™

- 802.11ac 2x2 Wi-Fi + Bluetooth 5.1, M.2 Card
- 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 Card

### Ports

#### Standard Ports

- 1x USB-C 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 2x Thunderbolt 4 / USB4™ 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort 1.4)
- 1x headphone / microphone combo jack (3.5mm)

Notes:

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

### Monitor Cable

- 1x Lenovo USB-C 3-in-1 Hub (USB-C to VGA/HDMI®/USB-A)
- Not configured

## 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

### Other Certifications

#### Mil-Spec Test

9 MIL-STD-810G military test passed

#### Other Certifications

- Intel Evo Platform (for lower power consumption display only)
- TÜV Software Low Blue Light

