

## 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	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

### Graphics

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

### Monitor Support

Supports up to 3 independent displays via native display and 2 external monitors; supports external monitors via Thunderbolt™ 4 (up to 7680×4320@60Hz)

### 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
- 12GB 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, 1x M.2 2280 SSD or 1x M.2 2242 SSD

- M.2 2280 SSD up to 1TB
- M.2 2242 SSD up to 512GB

#### Storage Type

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

### Microphone

Dual array microphone, support WoV (Wake-on-Voice)

### Camera

720p, with privacy shutter, fixed focus

## Sensor

### Sensors

- Ambient light sensor (ALS)
- Accelerometer (G) sensor

## Battery

### Battery

Integrated Li-Polymer 71Wh battery, supports Rapid Charge Express (get 3 hours of runtime with a 15-minute charge)

### Max Battery Life

MobileMark® 2014: 16 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
- 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
14.0"	FHD (1920x1080)	Multi-touch	IPS	300 nits	Glossy	16:9	-	72% NTSC	-	AGC Dragontrail™ glass

#### 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

GF2 or OGM Direct Bonding, capacitive-type 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

- Lenovo Digital Pen without replaceable battery
- Not configured (pen needs to be purchased separately)

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**Notes:**

- Battery needs to be purchased separately for the models without battery

**Keyboard**

6-row, multimedia Fn keys

**Keyboard Backlight**

LED backlight

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**Notes:**

- 2-level LED backlight

**Touchpad**

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

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

320.4 x 214.6 x 15.68-17.7 mm (12.61 x 8.44 x 0.61-0.69 inches)

**Weight**

1.43 kg (3.15 lbs)

**Case Color**

- Dark moss
- Slate grey

**Surface Treatment**

Aluminium Anodizing Stamping

**Case Material**

Aluminium (top), Aluminium (bottom)

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

Not Support

**WLAN + Bluetooth™**

- Wi-Fi 5, 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 card
- Wi-Fi 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 card

**Ports****Standard Ports**

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

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**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****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
- 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**

- Intel Evo Platform
- None

