

## 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 i5-1130G7	4	8	1.8GHz	4.0GHz	8MB	LPDDR4x-4266	Intel Iris® Xe Graphics
Core i5-1140G7	4	8	1.8GHz	4.2GHz	8MB	LPDDR4x-4266	Intel Iris Xe Graphics
Core i7-1160G7	4	8	2.1GHz	4.4GHz	12MB	LPDDR4x-4266	Intel Iris Xe Graphics
Core i7-1180G7	4	8	2.2GHz	4.6GHz	12MB	LPDDR4x-4266	Intel Iris Xe Graphics

### Operating System

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

### 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™ (5120x3200@60Hz)

### Chipset

Intel SoC (System on Chip) platform

### Memory

#### Memory Type

LPDDR4x-4266

#### 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.
- 8GB memory is NOT available in EMEA

### Storage

#### Storage Support

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**

No card reader

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

High Definition (HD) Audio, Realtek® ALC3306 codec

**Speakers**

Stereo speakers, 2W x2 woofers and 1W x2 tweeters, Dolby® Atmos®

**Microphone**

Four array microphones, 360° far-field

**Camera**

IR &amp; 720p, with privacy shutter, fixed focus

**Battery****Battery**

Integrated Li-Polymer 48Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

**Max Battery Life**

MobileMark® 2018: 13.6 hr

JEITA 2.0: 22.87 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 slim AC adapter

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

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
13.0"	2K (2160x1350)	Multi-touch	IPS	450 nits	Anti-reflection, Anti-smudge	16:10	1000:1	100% sRGB	170°	Low Power
13.0"	2K (2160x1350)	None	IPS	450 nits	Anti-glare	16:10	1000:1	100% sRGB	170°	Low Power

**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**

- Capacitive-type on-cell multi-touch, supports 10-point touch
- Non-touch

**Input Device****Keyboard**

6-row, spill-resistant, multimedia Fn keys with Unified Communications controls

**Keyboard Backlight**

LED backlight

**UltraNav™**

TrackPoint® pointing device and glass surface multi-touch touchpad

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

Models	Dimensions
Non-touch models	292.8x 207.7 x 13.87-16.7 mm (11.53 x 8.18 x 0.55-0.66 inches)
Touch models	292.9x 207.8 x 14.27-17.2 mm (11.53 x 8.18 x 0.56-0.68 inches)

**Weight**

Models	Weight
Touch with Wi-Fi models	969 g (2.14 lbs)
Non-Touch with WWAN models	939 g (2.07lbs)
Non-Touch with Wi-Fi models	907 g (1.99 lbs)
Touch with WWAN models	1001 g (2.21 lbs)

**Case Color**

- Black, paint
- Black, weave

**Case Material**

Carbon fiber (top), magnesium alloy (bottom)

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

Ethernet support via optional Lenovo USB-C to Ethernet Adapter

**WLAN + Bluetooth™**

Intel Wi-Fi 6 AX201, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 Card

## Notes:

- Intel WiFi 6 full features might be limited by country level restrictions

**WWAN**

- Wireless WAN upgradable
- Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card
- Qualcomm® Snapdragon™ X55 5G Modem M.2 card - RF System with embedded eSIM functionality
- Not Support

## Notes:

- For non-WWAN model, it means the model is NOT WWAN upgradable

**SIM Card**

- Gemalto eSIM
- No SIM card

**NFC**

Not support

**Ports****Standard Ports**

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

## Notes:

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

## Optional Ports

1x Nano-SIM card slot (WWAN models)

## Monitor Cable

- Lenovo USB-C to VGA Adapter
- No monitor cable

# SECURITY & PRIVACY

## Security

### Security Chip

- Discrete TPM 2.0, TCG certified
- Firmware TPM 2.0 integrated in chipset
- Disabled (in some regions)

### Smart Card Reader

No smart card reader

### Fingerprint Reader

Touch style fingerprint reader on palm rest, match-on-chip

### BIOS Security

- Power-on password
- Supervisor password
- Hard disk password
- Firmware Resiliency 2.0

### Other Security

- ThinkShutter camera cover
- (Optional) IR camera for Windows Hello
- (Optional) Human Presence Detection

# MANAGEABILITY

## System Management

- Intel vPro Technology, DASH
- None

# SERVICE

## Warranty

### Base Warranty

- 1-year depot service
- 1-year limited onsite service
- 1-year depot with 2-year system board service
- 1-year + 2-year depot service
- 1-year + 2-year limited onsite service
- 3-year (1-yr battery) depot service
- 3-year (1-yr battery) limited onsite service
- No base warranty

# ACCESSORIES

## Bundled Accessories

- Lenovo USB-C to Ethernet Adapter
- Lenovo USB-C Port Replicator
- None

# CERTIFICATIONS

## Green Certifications

- EPEAT™ Gold
- ENERGY STAR® 8.0
- TCO
- RoHS compliant

## Other Certifications

### Mil-Spec Test

MIL-STD-810H military test passed

### Other Certifications

- Intel Evo Platform
- None

