

## OVERVIEW



1. 2x Thunderbolt 4	3. Power button (with fingerprint reader)
2. Headphone / microphone combo jack (3.5mm)	4. Pen slot

Notes:

- Optional Pogo Pin connector on the bottom (not shown on the sample product above)

## 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 i7-1160G7	4	8	2.1GHz	4.4GHz	12MB	LPDDR4x-4266	Intel Iris Xe Graphics

### Operating System

#### Operating System

- Windows® 10 Home 64
- Windows 10 Pro 64

### Graphics

#### Graphics

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

### Monitor Support

#### Monitor Support

Supports up to 3 independent displays via native display and 2 external monitors; supports external monitors via Thunderbolt™ (up to 5K@60Hz)

### Chipset

#### Chipset

Intel SoC (System on Chip) platform

### Memory

#### Max Memory<sup>[1]</sup>

16GB soldered memory, not upgradable

#### Memory Slots

Memory soldered to systemboard, no slots, dual-channel

#### Memory Type

LPDDR4x-4266

#### Notes:

1. 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	-	-

### 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, Dolby® Atmos®, HARMAN-branded

### Microphone

Four array microphones, 360° near-field, and far-field voice interaction

### Camera

720p, with privacy shutter, fixed focus

## Battery

### Battery

Integrated Li-Polymer 53Wh battery, supports Rapid Charge Pro (charge up to 50% in 30min)

### Max Battery Life<sup>[1]</sup>

MobileMark® 2018: 11.1 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

### Power Adapter

- 65W USB-C slim AC adapter
- 65W USB-C slim (Wall Mount) AC adapter

## DESIGN

## Display

### Display<sup>[2]</sup>

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
12.0" (on top cover)	WQXGA (2560x1600)	Multi-touch	E Ink	-	Glossy, Anti-Fingerprint (AF) coating	16:10	-	Monochromatic	-	Corning® Gorilla® Glass
13.3"	WQXGA (2560x1600)	Multi-touch	IPS	400 nits	Glossy, Anti-Fingerprint (AF) coating	16:10	1200:1	100% sRGB	170°	Corning Gorilla Glass, Dolby Vision™

### Touchscreen

E Ink and IPS: capacitive-type multi-touch, support 10-point touch, Anti-fingerprint (AF) coating

#### 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>
- System has two displays (E Ink is on the top cover, and IPS is on the traditional position).

## Input Device

### Pen

Lenovo Integrated Pen, on-board rechargeable

### Keyboard

6-row, spill-resistant, multimedia Fn keys

**Keyboard Backlight**

Auto LED backlit

**Touchpad**

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

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

298 x 209 x 13.9 mm (11.73 x 8.23 x 0.55 inches)

**Weight**

1.16 kg (2.56 lbs)

**Case Color**

Storm grey

**Surface Treatment**

Anodizing sandblasting

**Case Material**

Aluminium + Glass (top), Magnesium-aluminium (bottom)

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

No Ethernet

**WLAN + Bluetooth™<sup>[1]</sup>**

Wi-Fi 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.2

**Notes:**

1. Wi-Fi 6 full features might be limited by country level restrictions  
BT5.2 is supported on Windows 10 version 20H2 or above (limited to BT5.0 on earlier version)

**Ports<sup>[1]</sup>****Standard Ports<sup>[2]</sup>**

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

**Optional Ports**

1x Pogo pin connector

**Notes:**

1. The transfer speed of following ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed.  
USB 2.0: 480 Mbit/s;  
USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formerly USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;  
USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formerly USB 3.1 Gen 2): 10 Gbit/s;  
USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;  
Thunderbolt 3: 40 Gbit/s;  
FireWire 400: 400 Mbit/s;  
FireWire 800: 800 Mbit/s
2. Depending on many factors, actual data transfer speed may be lower than theoretical speed

**Monitor Cable****Monitor Cable**

Lenovo USB-C 3-in-1 Hub (USB-C to VGA/HDMI®/USB-A)

**SECURITY & PRIVACY****Security**

**Security Chip**

Discrete TPM 2.0, TCG certified

**Physical Locks**

No physical locks

**Fingerprint Reader**

Touch style fingerprint reader on side power button

**BIOS Security**

- Power-on password
- Supervisor password
- Hard disk password
- Self-healing BIOS

**Other Security**

Camera privacy shutter

## SERVICE

### Warranty

**Base Warranty**

- 1-year depot service
- 2-year (1-yr battery) depot service

## ENVIRONMENTAL

### Operating Environment

**Temperature<sup>[1]</sup>**

- At altitudes up to 2438 m (8,000 ft)
  - Operating: 5°C to 35°C (41°F to 95°F)
  - Storage: 5°C to 43°C (41°F to 109°F)
- At altitudes above 2438 m (8,000 ft)
  - Maximum temperature when operating under the unpressurized condition: 31.3°C (88°F)

**Humidity**

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage: 5% to 95% at wet-bulb temperature 27°C (81°F)

**Altitude**

Maximum altitude (without pressurization): 3048 m (10,000 ft)

**Notes:**

1. When you charge the battery, its temperature must be no lower than 10°C (50°F)

## ACCESSORIES

### Bundled Accessories

**Bundled Accessories**

- ThinkBook Bluetooth silent mouse with battery
- ThinkBook Bluetooth silent mouse without battery
- Lenovo Wireless USB-C Charging Mat

## CERTIFICATIONS

### Green Certifications

**Green Certifications**

- ENERGY STAR® 8.0
- ErP Lot 3

- RoHS compliant

## Other Certifications

### Mil-Spec Test

MIL-STD-810H military test passed

### Other Certifications

- TÜV Rheinland Eyesafe Display certified
- (Optional) Intel Evo™ Platform



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