

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^[1]

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^[1]

MobileMark® 2018: 11.1 hr

Notes:

1. 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^[2]

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:

1. 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>
2. 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™^[1]

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^[1]

Standard Ports^[2]

- 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^[1]

- 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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