

OVERVIEW

1. Bluetooth keyboard switch button	5. Thunderbolt 4
2. Power button	6. Headphone / microphone combo jack (3.5mm)
3. Volume button	7. microSD card reader
4. USB-C 3.2 Gen 1 (data transfer / Always On)	8. USB-C 3.2 Gen 1 (data transfer / PD 3.0 only)

PERFORMANCE

Processor

Processor Family

11th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor**^[1]

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

Notes:

1. Intel Iris Xe Graphics capability requires system to be configured with dual-channel memory. On the system with single-channel memory, Intel Iris Xe Graphics will function as Intel UHD Graphics.

Operating System

Operating System**

- Windows® 11 Pro 64
- Windows 11 Home 64
- Windows 11 Home 64 Single Language
- Windows 10 Pro 64
- Windows 10 Home 64
- Windows 10 Home 64 Single Language
- No operating system

Graphics

Graphics^[1]

Graphics	Type	Memory	Key Features
Intel Iris Xe Graphics	Integrated	Shared	DirectX® 12.1

Notes:

1. Intel Iris Xe Graphics capability requires system to be configured with dual-channel memory. On the system with single-channel memory, Intel Iris Xe Graphics will function as Intel UHD Graphics.

Monitor Support

Monitor Support

Supports up to 2 independent displays (native display and 1 external monitor via Thunderbolt™)

- Thunderbolt supports up to 7680x4320@30Hz

Chipset

Chipset

Intel SoC (System on Chip) platform

Memory

Max Memory^[1]

- 8GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots, single-channel

Memory Type

DDR4-3200

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^[1]

- One drive, up to 1TB M.2 2242 SSD
- microSD card, supports FAT32 up to 256GB, exFAT up to 1TB

Storage Slot

One M.2 2242 PCIe® 3.0 x4 slot

Storage Type

Disk Type	Interface	Offering
M.2 2242 SSD	PCIe NVMe®, PCIe 3.0 x4	256GB / 512GB / 1TB

Notes:

1. The storage capacity supported is based on the test results with current Lenovo storage offerings. The system may support larger storage as the technology develops.

Removable Storage

Optical

None

Card Reader

microSD card reader

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

Stereo speakers, 1W x2, optimized with Dolby® Audio™, Smart Amplifier (AMP)

Microphone

Dual array microphone with noise-cancelling

Camera

Front 5.0-megapixel IR & RGB hybrid, fixed focus, rear 5.0-megapixel, autofocus

Sensor

Sensors

- Accelerometer (G) sensor
- Ambient light sensor (ALS)
- Gyroscope sensor
- Hall sensor
- ToF sensor

Battery

Battery

Integrated Li-Polymer 41Wh battery, supports Rapid Charge Express (get 3 hours of runtime with a 15-minute charge)

Max Battery Life^[1]

MobileMark® 2018@200nits: 8 hr

Local video (1080p) playback@150nits: 12.3 hr

Notes:

1. All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, JEITA 2.0, continuous 1080p video playback (with 150nits brightness and default volume level) or Google Power Load Test (PLT) 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^{**[1]}

- 65W USB-C® (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

- 65W USB-C slim (2-pin, wall-mount) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

Notes:

- AC adapter offerings depend on the country.

DESIGN**Display****Display^[1]**

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
13"	2K (2160x1350)	Multi-touch	IPS	450 nits	Glossy, anti-fingerprint	16:10	1000:1	100% sRGB	178°	Corning® Gorilla® Glass 3, Dolby Vision™

Touchscreen

OGM (On-glass Metal mesh) Direct Bonding, capacitive-type multi-touch, supports 10-point touch

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>

Input Device**Pen****

- Lenovo E-color Pen with built-in rechargeable battery, 4096 levels of pressure sensitivity. For more information, please read [Lenovo E-Color Pen Overview](#)
- Lenovo Digital Pen with replaceable AAAA alkaline battery, 4096 levels of pressure sensitivity. For more information, please read [Lenovo Digital Pen Overview](#)
- Lenovo Digital Pen without replaceable AAAA alkaline battery, 4096 levels of pressure sensitivity. For more information, please read [Lenovo Digital Pen Overview](#)
- No pen (pen sold separately)

Keyboard

6-row, multimedia Fn keys (Bluetooth® 5.0 backlit keyboard)

Keyboard Backlight

LED backlight

Touchpad

Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 69 x 104 mm (2.72 x 4.09 inches)

Mechanical^[1]**Dimensions (WxDxH)**

Pad: 297.4 x 207.4 x 9.19 mm (11.7 x 8.16 x 0.36 inches)
Folio keyboard: 297.4 x 221.2 x 6 mm (11.7 x 8.70 x 0.23 inches)

Weight

Pad: around 798.8 g (1.76 lbs)
Folio keyboard: around 369.5 g (0.81 lbs)
Total: around 1,168.3 g (2.57 lbs)

Case Color**

- Orchid
- Slate grey

Surface Treatment

Pad: metallic painting
Kickstand: metallic painting

Case Material

Magnesium-aluminium + PC-ABS (top), PC-ABS with fabric (bottom)

Others

Buttons: power key with LED, volume key

Notes:

1. The system dimensions and weight vary depending on configurations.

CONNECTIVITY

Network

WLAN + Bluetooth^[1]

Wi-Fi® 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.0

Notes:

1. Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation

Ports^[1]

Standard Ports

- 1x USB-C 3.2 Gen 1 (support data transfer and Always On)
- 1x USB-C 3.2 Gen 1 (support data transfer and Power Delivery 3.0)
- 1x Thunderbolt 4 (support data transfer, Power Delivery 3.0, and DisplayPort™ 1.4)
- 1x microSD card reader
- 1x Headphone / microphone combo jack (3.5mm)

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 3/4: 40 Gbit/s

Docking

Docking

Folio Keyboard with touchpad (Pogo pin, detachable)

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in SoC

Fingerprint Reader

No fingerprint reader

BIOS Security

- Administrator password
- User password
- Master hard disk password
- User hard disk password

Other Security

IR camera for Windows Hello

SERVICE

Warranty

Base Warranty^{**[1]}

- 1-year courier or carry-in service
- 1-year courier or carry-in with 2-year system board service (Korea only)

- 2-year (1-yr battery) courier or carry-in service
- 3-year (1-yr battery) courier or carry-in service

Notes:

1. More information of warranty policy, please access <https://pcsupport.lenovo.com/warranty>

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 and transportation: 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).

CERTIFICATIONS

Green Certifications

Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

Other Certifications

Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

- Feature with ** means that only one offering listed under the feature is configured on selected models.
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