

OVERVIEW



1. Thunderbolt 4	4. E-camera shutter switch
2. Thunderbolt 4	5. Thunderbolt 4
3. Headphone / microphone combo jack (3.5mm)	6. Power button

PERFORMANCE

Processor

Processor Family

12th Generation Intel® Core™ i5 / i7 Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Core i5-1240P	12 (4 P-core + 8 E-core)	16	P-core 1.7GHz / E-core 1.2GHz	P-core 4.4GHz / E-core 3.3GHz	12MB	LPDDR5-5200	Intel Iris® Xe Graphics
Core i7-1280P	14 (6 P-core + 8 E-core)	20	P-core 1.8GHz / E-core 1.3GHz	P-core 4.8GHz / E-core 3.6GHz	24MB	LPDDR5-5200	Intel Iris Xe Graphics

Operating System

Operating System**

- Windows® 11 Pro 64
- Windows 11 Home 64

Graphics

Graphics

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

Monitor Support

Monitor Support

Supports up to 4 independent displays (native display and 3 external monitors via Thunderbolt™)

- Thunderbolt supports up to 7680×4320@60Hz

Chipset

Chipset

Intel SoC (System on Chip) platform

Memory

Max Memory^[1]

- 16GB soldered memory, not upgradable
- 32GB soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type^[2]

LPDDR5-5600

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.
- Installed memory is actually 5600MHz but runs at 5200MHz due to processor limitation

Storage

Storage Support^[1]

One drive, up to 1TB M.2 2242 SSD

Storage Slot

One M.2 2242 PCIe® Gen 4x4 slot, supports M.2 2242 SSD

Storage Type

Disk Type	Interface	Offering
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M.2 2242 SSD	PCIe NVMe®, PCIe 4.0 x4	512GB / 1TB
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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

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers

Stereo speakers, 3W x2 (woofers), 2W x2 (tweeters), optimized with Dolby® Atmos®, Smart Amplifier (AMP), audio by Bowers & Wilkins

Microphone^[1]

Dual array microphone with noise-cancelling, support Lenovo Voice Assistant (LVA), and Amazon Alexa

Camera

1080p (FHD) webcam with IR, support E-privacy shutter, fixed focus, with ToF sensor

Notes:

1. Amazon Alexa might be limited by country-level restrictions.

Sensor

Sensors

- Color sensor
- Hall sensor
- ToF sensor

Battery

Battery

Integrated Li-Polymer 75Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)

Max Battery Life^[1]

- 4K WQUXGA model:
MobileMark® 2018@200nits: 8.9 hr
Local video (1080p) playback@150nits: 11 hr
- 2.8K WQHD+ model:
MobileMark 2018@200nits: 9.3 hr
Local video (1080p) playback@150nits: 11.7 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® slim (2-pin, wall-mount) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C slim (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

Notes:

1. AC adapter offerings depend on the country.

DESIGN

Display

Display**^{[1][2]}

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
14.0"	2.8K QWXGA+ (2880x1800)	Multi-touch	OLED	400 nits	Glossy	16:10	100000:1	100% DCI-P3, 125% sRGB	170°	PureSight Display, refresh rate 60Hz/90Hz, TÜV Low Blue Light, TÜV Eyesafe®, TÜV Eye Comfort Certified, VESA DisplayHDR™ True Black 500, Dolby Vision™
14.0"	4K WQUXGA (3840x2400)	Multi-touch	OLED	400 nits	Glossy	16:10	100000:1	100% DCI-P3, 125% sRGB	170°	PureSight Display, refresh rate 60Hz (Max), TÜV Low Blue Light, TÜV Eyesafe, TÜV Eye Comfort Certified, VESA DisplayHDR True Black 500, Dolby Vision

Color Calibration

X-Rite® Pantone® factory color calibration

Touchscreen

OGS (One Glass Solution) Direct Bonding, capacitive-type multi-touch, supports 10-point touch

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. 90Hz adaptive refresh rate is available on select models only

Input Device

Keyboard

6-row, multimedia Fn keys

Keyboard Backlight

LED backlight

Touchpad

Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 80 x 135 mm (3.15 x 5.31 inches)

Mechanical^[1]

Dimensions (WxDxH)

315 x 214.4 x 14.9 mm (12.4 x 8.44 x 0.59 inches)

Weight

Starting at 1.37 kg (3.02 lbs)

Case Color

Oatmeal

Surface Treatment

Aluminium CNC (anodized)

Case Material

3D glass (top), aluminium (bottom)

Notes:

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

CONNECTIVITY

Network

Onboard Ethernet

No Ethernet

WLAN + Bluetooth[®]^{[1][2]}

Wi-Fi[®] 6E, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1

Notes:

1. Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation
2. Wi-Fi 6 and Wi-Fi 6E full features might be limited by country-level restrictions.
Wi-Fi 6E is only available on Windows 11.

Ports^[1]

Standard Ports

- 3x Thunderbolt 4 / USB4[®] 40Gbps (support data transfer, Power Delivery 3.0, and DisplayPort[™] 1.4)
- 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

Monitor Cable

Monitor Cable

- Lenovo USB-C 3-in-1 Hub (USB-C to VGA / HDMI[®] / USB-A)
- No monitor cable

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in chipset

Fingerprint Reader

No fingerprint reader

BIOS Security

- Administrator password
- User password
- Master hard disk password
- User hard disk password
- Self-healing BIOS

Other Security

- E-Camera shutter
- IR camera for Windows Hello

SERVICE

Warranty

Base Warranty^{**[1]}

- 1-year depot service
- 1-year depot with 2-year system board service (Korea only)
- 2-year (1-yr battery) depot service
- 3-year (1-yr battery) depot service

Notes:

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

ENVIRONMENTAL

Operating Environment

Temperature

- 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)

ACCESSORIES

Bundled Accessories

Bundled Accessories

Lenovo Yoga® 14-inch Sleeve

CERTIFICATIONS

Green Certifications

Green Certifications

- EPEAT™ Silver
- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

Other Certifications

Other Certifications

- Intel Evo™ Platform
- TÜV Rheinland® Eye Comfort Certification
- TÜV Rheinland Eyesafe Display
- TÜV Rheinland Low Blue Light (Hardware Solution)

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