

OVERVIEW



1. USB-C 3.2 Gen 2	5. Power button
2. USB 3.2 Gen 1	6. Volume button
3. Headphone / microphone combo jack (3.5mm)	7. USB-C 3.2 Gen 2
4. microSD card reader	8. Kensington Nano Security Slot

PERFORMANCE

Processor

Processor Family

12th Generation Intel® Core™ i5 Processor

Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
Core i5-1235U	10 (2 P-core + 8 E-core)	12	P-core 1.3GHz / E-core 0.9GHz	P-core 4.4GHz / E-core 3.3GHz	12MB	Intel Iris® Xe Graphics

Operating System

Operating System^[1]

ChromeOS

Notes:

- Some features may not be supported on the system with Linux preload, including but not limited to Intel RST RAID, MIPI computer vision camera, WWAN, Human Presence Detection, etc.

Graphics

Graphics

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

Monitor Support

Monitor Support

Supports up to 3 independent displays (native display and 2 external monitors via USB-C®)

- USB-C supports up to 3840x2160@60Hz

Chipset

Chipset

Intel SoC (System on Chip) platform

Memory

Max Memory^[1]

8GB soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type

LPDDR4x-4266

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.

Storage

Storage Support^{[1][2]}

One drive, up to 256GB M.2 2242 SSD

Storage Slot

One M.2 2242 PCIe® 4.0 x4 slot, supports M.2 2242 SSD or eMMC storage card (PCIe 1x1)

Storage Type

Disk Type	Interface	Offering
M.2 2242 SSD	PCIe NVMe®, PCIe 4.0 x4	256GB

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.
2. The system has one eMMC storage card or one M.2 2242 SSD exclusively

Removable Storage

Card Reader

microSD card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC5682I-VD codec

Speakers^[1]

Stereo speakers, 2W x2, optimized with Waves MaxxAudio®

Microphone

Dual-microphone array, support Google Assistant

Camera

FHD 1080p, with privacy shutter, fixed focus

Notes:

1. Google Approved Vendor List (AVL) Certification

Sensor

Sensors

- Accelerometer (G) sensor
- Gyroscope sensor
- Hall sensor
- (Optional) Human Presence Sensor

Battery

Battery

Integrated Li-Polymer 51Wh battery

Max Battery Life^[1]

Google power load test: 10 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

45W USB-C (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

DESIGN

Display

Display^{**[1]}

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle (L/R/U/D)
14"	WUXGA (1920x1200)	Multi-touch	IPS	300 nits	Glossy	16:10	800:1	45% NTSC	85°/85°/85°/85°
14"	WUXGA (1920x1200)	Multi-touch	IPS	400 nits	Glossy	16:10	800:1	100% sRGB	85°/85°/85°/85°

Touchscreen

OGM (On-glass Metal mesh) or OGS (One Glass Solution) 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>

Multi-mode

Multi-mode

Laptop, tent, stand, and tablet modes supported by 360° hinge

Input Device

Pen^[1]

- Lenovo USI Pen with replaceable AAAA alkaline battery, 4096 levels of pressure sensitivity
- No pen (purchase separately)

Keyboard

Chrome keyboard, 6-row

Keyboard Backlight

LED backlight

Touchpad

Buttonless Mylar® surface multi-touch touchpad, 75 x 120 mm (2.95 x 4.72 inches)

Notes:

- Lenovo Flex5 Chrome 14IAU is only compatible with USI 1.0 stylus pens.

Mechanical

Dimensions (WxDxH)^[1]

315.5 x 229 x 19.8 mm (12.42 x 9.02 x 0.78 inches)

Weight^[2]

Starting at 1.58 kg (3.48 lbs)

Case Color

Storm grey

Surface Treatment

Aluminium stamping (anodized)

Case Material

Aluminium (top), PC-ABS (bottom)

Notes:

- The system dimensions may vary depending on configurations.
- The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

CONNECTIVITY

Network

Ethernet

No onboard Ethernet

WLAN + Bluetooth^{[1][2]}

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

Notes:

- Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.
- Wi-Fi 6E full features might be limited by country-level restrictions.
6GHz Wi-Fi 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi 6E, and the regional regulatory certifications & spectrum allocation.

Ports^[1]

Standard Ports

- 1x USB 3.2 Gen 1
- 2x USB-C 3.2 Gen 2 (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

SECURITY & PRIVACY

Security

Security Chip

Google Security Chip H1

Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

Fingerprint Reader

- Touch style fingerprint reader on palm rest
- No fingerprint reader

BIOS Security

No support

Other Security

- Camera privacy shutter
- (Optional) Human Presence Detection

SERVICE

Warranty^[1]

Base Warranty

1-year mail-in service

Notes:

1. The warranty upgrades may be bundled with some models, please check the "Included upgrade" column in the specific model's configurations. For more service extensions, please go to <https://smartfind.lenovo.com/>. To learn more details 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)

CERTIFICATIONS

Green Certifications^[1]

Green Certifications^[2]

- EPEAT™ Silver
- ENERGY STAR® 8.0
- ErP Lot 6
- ErP Lot 26
- RoHS compliant

Notes:

1. The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.
2. EPEAT is registered where applicable, please see <https://www.epeat.net> for registration status by country.

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