OVERVIEW



1. USB-C (USB 10Gbps), data transfer only	7. USB-A (Hi-Speed USB)
2. Headphone / microphone combo jack (3.5mm)	8. USB-A (USB 10Gbps)
3. HDMI-in 1.4	9. HDMI-out 2.1 TMDS
4. Power-in	10. Power button
5. USB-A (Hi-Speed USB)	11. Camera shutter latch
6. Ethernet (RJ-45)	

PERFORMANCE

Processor

Processor Family

13th Generation Intel® Core™ i3 / i5 / i7 / i9 Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Core™ i3-1315U	6 (2 P-core + 4 E-core)	8	P-core 1.2GHz / E-core 0.9GHz	P-core 4.5GHz / E-core 3.3GHz	10MB	DDR5-5200	Intel® UHD Graphics
Core™ i5-13420H	8 (4 P-core + 4 E-core)	12	P-core 2.1GHz / E-core 1.5GHz	P-core 4.6GHz / E-core 3.4GHz	12MB	DDR5-5200	Intel® UHD Graphics
Core™ i7-13620H	10 (6 P-core + 4 E-core)	16	P-core 2.4GHz / E-core 1.8GHz	P-core 4.9GHz / E-core 3.6GHz	24MB	DDR5-5200	Intel® UHD Graphics

Operating System

Operating System**

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

Graphics

Graphics[1]

Graphics	Type	Memory	Connector	Max Resolution	Key Features
Intel® UHD Graphics	Integrated	Shared	1x HDMI® 2.1 TMDS	4096x2160@60Hz(HDMI®)	DirectX® 12.1

Notes:

[1] The information of integrated graphics are not applicable for the models with processor which has no integrated graphics inside (for the details, please refer to processor section).

Monitor Support

Monitor Support

Supports up to 2 independent displays via native display and 1 external monitor; supports external monitor via HDMI®

Chipset

Chipset

Intel® SoC (System on Chip) platform

Memory

Max Memory[1]

Up to 32GB DDR5-5200

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Memory Type

DDR5-5200

Notes:

[1] The max memory is based on the test results with current Lenovo® memory offerings.

Storage

Storage Support[1]

One drive, up to 1TB M.2 SSD

Storage Type

Disk Type	Interface
M.2 2280 SSD	PCIe® NVMe®, PCIe® 4.0 x4

Notes:

[1] The max capacity of each disk type is based on the test results with current Lenovo® storage offerings.

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC233-CG codec

Speakers

Stereo speakers, 3W x2, Audio by HARMAN

Microphone

Dual-microphone array

Camera**

- 5.0-megapixel
- 5.0-megapixel IR camera

Power Supply

Power Supply**

Power	Type	Efficiency	Key Features
90W	Adapter	89%	Autosensing
135W	Adapter	90%	Autosensing

DESIGN

Display

Display**[1]

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Refresh Rate	Viewing Angle (L/R/U/D)	Key Features
27″	FHD (1920x1080)	None	IPS	300nits	Anti-glare	16:9	1300:1	99% sRGB	100Hz	89°/89°/89°/89°	Borderless design, low blue light, flicker free
27″	FHD (1920x1080)	Multi-touch	IPS	300nits	Anti-glare	16:9	1300:1	99% sRGB	100Hz	89°/89°/89°/89°	Borderless design, low blue light, flicker free
27″	QHD (2560x1440)	None	IPS	350nits	Anti-glare	16:9	1300:1	99% sRGB	100HZ	horizontal: +/- 89°, vertical: +/- 89°	Borderless design, low blue light, flicker free
27″	QHD (2560x1440)	Multi-touch	IPS	350nits	Anti-glare	16:9	1300:1	99% sRGB	100HZ	horizontal: +/- 89°, vertical: +/- 89°	Borderless design, low blue light, flicker free

Touchscreen

- (Optional) 10-point multi-touch

- Non-touch

Notes:

[1] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

Input Device

Keyboard**

- Lenovo® Calliope Keyboard (USB connector), black
- Lenovo® Calliope Keyboard (USB connector), white
- Wireless EOS Keyboard, Cloud Grey
- Wireless EOS Keyboard, Luna Grey

Mouse**

- Wireless EOS Mouse, Cloud Grey
- Wireless EOS Mouse, Luna Grey
- No mouse

Mechanical

Form Factor

AIO (27 inches)

Dimensions (WxDxH)[1]

Models	Dimensions
FHD models	611.72 x 192 x 473.16 mm (24.08 x 7.55 x 18.62 inches)
QHD models	613.3 x 192.1 x 472.38 mm (24.15 x 7.56 x 18.59 inches)

Packaging Dimensions (WxDxH)

766 x 229 x 570 mm (30.16 x 9.02 x 22.44 inches)

Weight[2]

Models	Weight
FHD models	Around 7.1 kg (15.65 lbs)
QHD models	Around 7.51 kg (16.55 lbs)

Packaging Weight**

- FHD models: Around 10.9 kg (24.03 lbs)
- QHD models: Around 11.31 kg (24.93 lbs)

Case Color**

- Cloud grey
- Luna grey

Expansion Slots

Two M.2 slots (one for WLAN, one for SSD)

Stand

Monitor stand, Supports -5° to +15° tilt

Mounting

None

Others

(Optional) Wireless charger 15W

Notes:

[1] The system dimensions may vary depending on configurations.

[2] 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

Onboard Ethernet

Gigabit Ethernet, 1x RJ45

WLAN + Bluetooth®

Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.1, M.2 card

Ports[1]

Rear Ports

- 1x HDMI®-in 1.4
- 1x HDMI®-out 2.1 TMDS
- 1x Ethernet (RJ-45)
- 1x power connector
- 2x USB-A (Hi-Speed USB / USB 2.0)
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)

Left Ports

- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), data transfer only
- 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;
USB4® 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;
USB4® 40Gbps (USB 40Gbps): 40 Gbit/s;
Thunderbolt™ 3/4: 40 Gbit/s.

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in SoC

Physical Locks

No physical locks

BIOS Security

- Administrator password
- Power-on password

SERVICE

Warranty[1]

Base Warranty**

- 1-year mail-in service
- 1-year courier or carry-in service
- 1-year limited onsite service
- 2-year courier or carry-in service
- 3-year courier or carry-in service
- OB

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

- Operating: 5°C (41°F) to 35°C (95°F)
- Storage: -20°C (-4°F) to 60°C (140°F)

Humidity

- Operating: 20% to 80%
- Storage: 10% to 90%

Altitude

- Operating: -15.2 m (-50 ft) to 3048 m (10,000 ft)
- Storage: -15.2 m (-50 ft) to 12192 m (40,000 ft)

CERTIFICATIONS

Green Certifications[1]

Green Certifications

- (Optional) ENERGY STAR® 8.0
- ErP Lot 3 and Lot 7
- GREENGUARD®
- RoHS / WEEE / REACH

Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

Other Certifications

Other Certifications

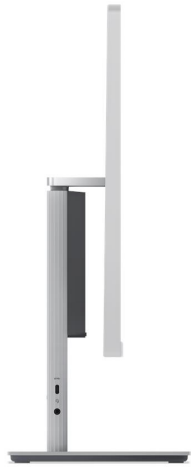
- TÜV Rheinland® Flicker Free
- TÜV Rheinland® Low Blue Light
- TÜV Rheinland® Ultra Low Noise

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