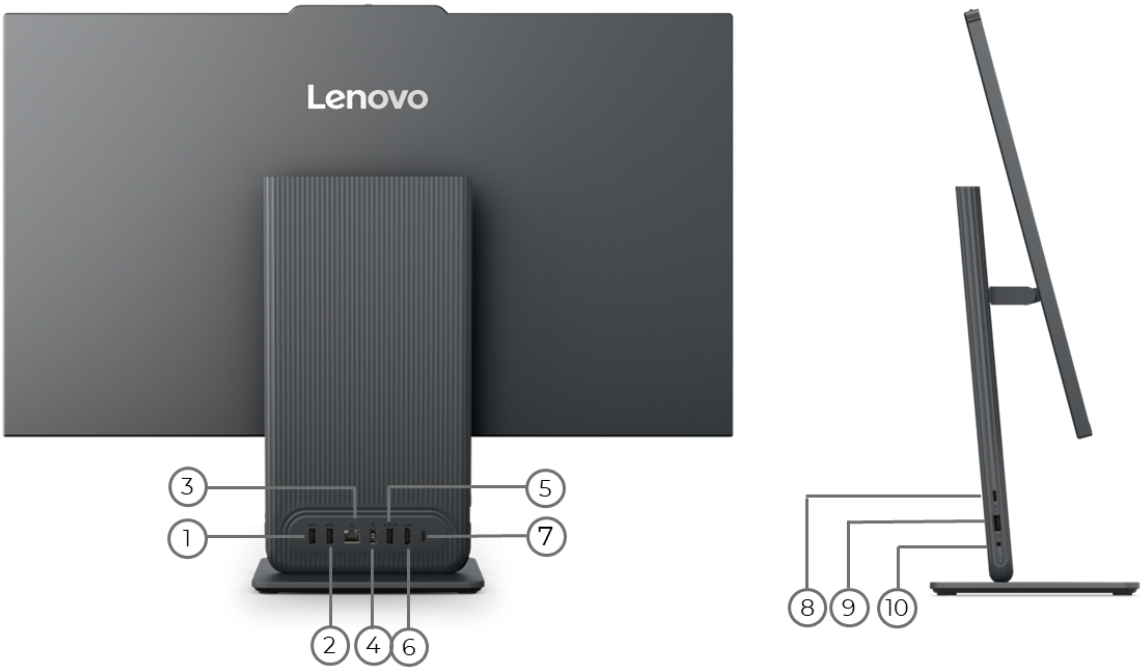
OVERVIEW



1. USB-A (USB 10Gbps / USB 3.2 Gen 2)	6. HDMI 2.1 TMDS in/out connector*
2. USB-A (USB 10Gbps / USB 3.2 Gen 2)	7. USB-C (USB 20Gbps / USB 3.2 Gen 2x2)
3. Ethernet (RJ-45)	8. USB-C (USB 20Gbps / USB 3.2 Gen 2x2)
4. Power connector	9. USB-A (USB 10Gbps / USB 3.2 Gen 2)
5. USB-A (USB 10Gbps / USB 3.2 Gen 2)	10. Combo audio jack

Notes:

- *1080P/120Hz for input, 4K/60Hz for output

PERFORMANCE

Processor

Processor Family

Intel Core™ 3 / 5 / 7 Processor (Series 3)

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics	NPU
Core 3 304	5 (1 P-core + 4 LP E-core)	5	P-core 1.5GHz / LP E-core 1.4GHz	P-core 4.3GHz / LP E-core 3.3GHz	6MB Intel® Smart Cache	Intel® Graphics, up to 9 TOPS	Up to 15 TOPS
Core 5 320	6 (2 P-core + 4 LP E-core)	6	P-core 1.5GHz / LP E-core 1.4GHz	P-core 4.6GHz / LP E-core 3.4GHz	6MB Intel® Smart Cache	Intel® Graphics, up to 20 TOPS	Up to 16 TOPS
Core 7 350	6 (2 P-core + 4 LP E-core)	6	P-core 1.5GHz / LP E-core 1.4GHz	P-core 4.8GHz / LP E-core 3.6GHz	6MB Intel® Smart Cache	Intel® Graphics, up to 21 TOPS	Up to 17 TOPS

AI (Artificial Intelligence)

AI PC Category

AI PC

NPU

Integrated Intel® AI Boost, up to 17 TOPS

Operating System

Operating System**

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

Graphics

Graphics

Graphics	Type	Memory	AI TOPS (Peak)	Max Resolution	Connector	Key Features
Intel® Graphics	Integrated	Shared	9 TOPS (Int8, Core 3 304) / 20 TOPS (Int8, Core 5 320) / 21 TOPS (Int8, Core 7 350)	3840x2160@60Hz (HDMI®), 3840x2160@60Hz (USB-C® with DP function)	1x HDMI® 2.1 TMDS, 2x USB-C® with DP function	DirectX® 12

Monitor Support

Monitor Support

Supports up to 3 independent displays. 1 native display and 2 external monitor via onboard HDMI® and either of the two USB-C®

Chipset

Chipset

Intel® SoC (System on Chip) platform

Memory

Max Memory[1]

32GB soldered LPDDR5X-7467, not upgradable

Memory Slots

Memory soldered to systemboard, no slots

Memory Type

LPDDR5X-7467

Notes:

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

Storage

Max Storage Support[1]

Up to two drives, 2x M.2 SSD
• M.2 2280 SSD up to 1TB each
• The second M.2 SSD slot is only for customer self-upgrade

Storage Type***

Disk Type	Interface
M.2 2242 SSD	PCIe® NVMe®, PCIe® 3.0 x4
M.2 2280 SSD[2]	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.
[2] M.2 PCIe® 4.0 x4 SSD in an M.2 PCIe® x2 slot runs at PCIe® 4.0 x2 performance.

Removable Storage

Optical

No optical drive

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3341 codec

Speakers

Stereo speakers, 3W x2, Audio by HARMAN

Microphone

Dual-microphone array

Camera**

- 5.0MP + IR, fixed focus
- 5.0MP, fixed focus

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)	Multi-touch	IPS	350nits	Anti-glare	16:9	1500:1	99% sRGB	120Hz	89° / 89° / 89° / 89°	4-side like border-less panel, hardware low blue light
27″	FHD	Non-	IPS	350nits	Anti-	16:9	1500:1	99%	120Hz	89° / 89° /	4-side like

	(1920x1080)	touch			glare			sRGB		89° / 89°	border-less panel, hardware low blue light
27″	QHD (2560x1440)	Non-touch	IPS	400nits	Anti-glare	16:9	1500:1	100% sRGB	120HZ	89° / 89° / 89° / 89°	4-side like borderless panel, hardware low blue light
27″	QHD (2560x1440)	Touch	IPS	400nits	Anti-glare	16:9	1500:1	100% sRGB	120HZ	89° / 89° / 89° / 89°	4-side like borderless panel, hardware low blue light

Touchscreen

- OGM (One Glass Metal mesh) multi-touch, supports 10-point 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), cloud grey
- Lenovo® Calliope Keyboard (USB connector), luna grey
- Wireless EOS Keyboard, chill blue
- Wireless EOS Keyboard, cloud grey
- Wireless EOS Keyboard, dreamy violet
- Wireless EOS Keyboard, luna grey
- Wireless EOS Keyboard, radiant coral
- Wireless EOS Keyboard, zen green
- No keyboard

Mouse**

- Lenovo® Calliope Mouse (USB connector), cloud grey
- Wireless EOS Mouse, cloud Grey
- Wireless EOS Mouse, luna grey
- No mouse
- Lenovo® Calliope Mouse (USB connector), luna grey
- Wireless EOS Mouse, dreamy violet
- Wireless EOS Mouse, zen green
- Wireless EOS Mouse, chill blue
- Wireless EOS Mouse, radiant coral

Mechanical

Form Factor

AIO (27 inches)

Dimensions (WxDxH)[1]

611.3 x 172 x 512.3 mm (24.07 x 6.8 x 20.17 inches)

Packaging Dimensions (WxDxH)

733 x 216 x 597 mm (28.86 x 8.5 x 23.5 inches)

Weight[2]

Around 5.39 kg (11.88 lbs)

Packaging Weight

8.98 kg (19.8 lbs)

Case Color**

- Chill blue
- Cloud grey

- Dreamy violet
- Luna grey
- Radiant coral
- Zen green

Expansion Slots[3]

Three M.2 slots (one for WLAN, two for SSD up to PCIe® 4.0 x2)[4]

Stand

Monitor stand, supports -5° to +15° tilt, up to 60mm lift

System Lighting

Adaptive lighting

Others

- (Optional) Wireless charger 15W
- None

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.
[3] The second M.2 SSD slot is only for customer self-upgrade purpose.
[4] M.2 PCIe® 4.0 x4 SSD in an M.2 PCIe® x2 slot runs at PCIe® 4.0 x2 performance.

CONNECTIVITY

Network

WLAN + Bluetooth®[1]

- Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 card
- Wi-Fi® 7, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4, M.2 card

Onboard Ethernet

Gigabit Ethernet, 1x RJ-45

Notes:

[1] Wi-Fi® operation (including Wi-Fi® 6, Wi-Fi® 6E, Wi-Fi® 7, etc.) is subject to the regulatory requirements of each country. Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

Ports[1]

Rear Ports

- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), data transfer and DisplayPort™ out 2.1 functions
- 3x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x HDMI® (HDMI® in / HDMI® out 2.1 TMDS combo port)
- 1x Ethernet (GbE RJ-45)

Left Ports

- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x headphone / microphone combo jack (3.5mm)
- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), data transfer and DisplayPort™ out 2.1 functions

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.

Thunderbolt™ 5: 80 Gbit/s (bidirectional), up to 120 Gbit/s in bandwidth boost mode for video-intensive applications.

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in SoC

BIOS Security

- Administrator password
- Boot sequence control
- Hard disk password
- More BIOS security features, please visit BIOS Simulator

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

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://support.lenovo.com/warrantylookup/warrantypolicy.

OPERATING REQUIREMENTS

Operating Environment

Temperature

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

Relative Humidity

- Operating: 20% to 80% (non-condensing)
- Storage: 10% to 90% (non-condensing)

Altitude

- Operating: 0 m (0 ft) to 3048 m (10,000 ft)
- Storage: 0 m (0 ft) to 12192 m (40,000 ft)

CERTIFICATIONS

Green Certifications[1]

Green Certifications

- (Optional) ENERGY STAR® 9.0
- ErP Lot 3/7
- GREENGUARD®
- RoHS compliant

Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration. For ESG & regulatory compliance documents, please visit https://compliance.lenovo.com.

Other Certifications

Other Certifications

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

- Feature with ** means that only one option listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
- Feature with *** means that one or more options listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
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