

OVERVIEW



|                     |  |
|---------------------|--|
| 1. Power connector  | 5. 2x USB 2.0                                |
| 2. HDMI 1.4         | 6. Power button                              |
| 3. 2x USB 3.2 Gen 1 | 7. Headphone / microphone combo jack (3.5mm) |
| 4. Ethernet (RJ-45) | 8. Optical drive eject button                |

PERFORMANCE

Processor

Processor Family

AMD Ryzen™ 3 / 5 / 7 Processor

Processor\*\*

| Processor Name     | Cores | Threads | Base Frequency | Max Frequency | Cache            | Memory Support | Processor Graphics   |
|--------------------|-------|---------|----------------|---------------|------------------|----------------|----------------------|
| AMD Ryzen™ 3 5300U | 4     | 8       | 2.6GHz         | 3.8GHz        | 2MB L2 / 4MB L3  | DDR4-3200      | AMD Radeon™ Graphics |
| AMD Ryzen™ 3 5425U | 4     | 8       | 2.7GHz         | 4.1GHz        | 2MB L2 / 8MB L3  | DDR4-3200      | AMD Radeon™ Graphics |
| AMD Ryzen™ 3 7330U | 4     | 8       | 2.3GHz         | 4.3GHz        | 2MB L2 / 8MB L3  | DDR4-3200      | AMD Radeon™ Graphics |
| AMD Ryzen™ 5 5500U | 6     | 12      | 2.1GHz         | 4.0GHz        | 3MB L2 / 8MB L3  | DDR4-3200      | AMD Radeon™ Graphics |
| AMD Ryzen™ 5 5625U | 6     | 12      | 2.3GHz         | 4.3GHz        | 3MB L2 / 16MB L3 | DDR4-3200      | AMD Radeon™ Graphics |
| AMD Ryzen™ 5 7430U | 6     | 12      | 2.3GHz         | 4.3GHz        | 3MB L2 / 16MB L3 | DDR4-3200      | AMD Radeon™ Graphics |
| AMD Ryzen™ 5 7530U | 6     | 12      | 2.0GHz         | 4.5GHz        | 3MB L2 / 16MB L3 | DDR4-3200      | AMD Radeon™ Graphics |
| AMD Ryzen™ 7 5700U | 8     | 16      | 1.8GHz         | 4.3GHz        | 4MB L2 / 8MB L3  | DDR4-3200      | AMD Radeon™ Graphics |
| AMD Ryzen™ 7 5825U | 8     | 16      | 2.0GHz         | 4.5GHz        | 4MB L2 / 16MB L3 | DDR4-3200      | AMD Radeon™ Graphics |
| AMD Ryzen™ 7 7730U | 8     | 16      | 2.0GHz         | 4.5GHz        | 4MB L2 / 16MB L3 | DDR4-3200      | AMD Radeon™ Graphics |

Operating System

Operating System\*\*

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- Windows® 11 Home Single Language in S mode
- Windows® 11 Home in S mode
- Windows® 10 Pro 64
- Windows® 10 Home 64
- Windows® 10 Home 64 Single Language
- No preload operating system

Graphics

Graphics

| Graphics             | Type       | Memory | Max Resolution        | Connector    | Key Features |
|----------------------|------------|--------|-----------------------|--------------|--------------|
| AMD Radeon™ Graphics | Integrated | Shared | 1920x1080@60Hz(HDMI®) | 1x HDMI® 1.4 | DirectX® 12  |

Monitor Support

Monitor Support

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

Chipset

Chipset

AMD SoC (System on Chip) platform

Memory

Max Memory<sup>[1]</sup>

Up to 16GB DDR4-3200

Memory Slots

Two DDR4 SODIMM slots, dual-channel capable

Memory Type

DDR4-3200

Memory Protection

Non-ECC

Notes:

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

Storage

Max Storage Support<sup>[1][2]</sup>

Up to two drives, 1x 2.5" HDD + 1x M.2 SSD

- 2.5" HDD up to 1TB
- M.2 SSD up to 512GB

Storage Type<sup>\*\*</sup>

| Disk Type     | Interface   | RPM  |
|---------------|-------------|------|
| 2.5" SATA HDD | SATA 6Gb/s  | 5.4K |
| M.2 2242 SSD  | PCIe® NVMe® | -    |
| M.2 2280 SSD  | PCIe® NVMe® | -    |

RAID

No support

Notes:

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

[2] 2.5" HDD bracket kit only comes with pre-configured HDD models.

Removable Storage

Optical

- DVD burner (DVD±RW), SATA 1.5Gb/s, slim (9.0mm)
- None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC233 codec

Speakers

Stereo speakers, 3W x2, Audio by HARMAN

Microphone<sup>\*\*</sup>

- Dual-microphone array
- Single microphone

Camera<sup>\*\*</sup>

- HD 720p, fixed focus
- IR & 5.0-megapixel, fixed focus
- No camera

Power Supply

Power Supply<sup>\*\*</sup>

| Power | Type | Efficiency | Key Features |
|-------|------|------------|--------------|
|-------|------|------------|--------------|

|     |         |     |             |
|-----|---------|-----|-------------|
| 90W | Adapter | 89% | 100V - 240V |
| 90W | Adapter | 88% | 100V - 240V |

DESIGN

Display

Display\*\*<sup>[1]</sup>

| Size  | Resolution      | Touch       | Type | Brightness | Surface    | Aspect Ratio | Contrast Ratio | Viewing Angle (L/R/U/D)                | Key Features                  |
|-------|-----------------|-------------|------|------------|------------|--------------|----------------|--|-------------------------------|
| 23.8" | FHD (1920x1080) | Multi-touch | IPS  | 250nits    | Anti-glare | 16:9         | 1000:1         | horizontal: +/- 89°, vertical: +/- 89° | Borderless design, anti-glare |
| 23.8" | FHD (1920x1080) | Non-touch   | IPS  | 250nits    | Anti-glare | 16:9         | 1000:1         | horizontal: +/- 89°, vertical: +/- 89° | Borderless design, anti-glare |

Touchscreen

- Advanced In-cell Touch (AIT), supports 10-point touch
- Non-touch

Notes:

<sup>[1]</sup> 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
- Lenovo® Calliope Wireless Keyboard, black
- Lenovo® Calliope Wireless Keyboard, silver
- Lenovo® Calliope Wireless Keyboard, white
- Wireless EOS Keyboard, black
- Wireless EOS Keyboard, white

Mouse\*\*

- Lenovo® Calliope Mouse (USB connector), black
- Lenovo® Calliope Mouse (USB connector), white
- Lenovo® Calliope Wireless Mouse (2.4GHz via USB receiver), black
- Lenovo® Calliope Wireless Mouse (2.4GHz via USB receiver), white

Mechanical

Buttons

- Optical drive eject button (ODD models only)
- Power button

Form Factor

AIO (24 inches)

Dimensions (WxDxH)<sup>[1]</sup>

541 x 185.34 x 433.56 (21.3 x 7.3 x 17.07 inches)

Packaging Dimensions (WxDxH)

235 x 666 x 561 mm (9.25 x 26.22 x 22.08 inches)

Weight<sup>[2]</sup>

6.81 kg (15.01 lbs)

Packaging Weight

All models: 9.57 kg (21.09 lbs)

Case Color\*\*

- Black
- White

Bays\*\*

- 1x 2.5" disk bay
- 1x slim ODD bay

**Expansion Slots**

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

**Stand**

- Monitor stand, supports -5° to +25° tilt
- AIO stand

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**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

**WLAN + Bluetooth®\*\*[1]**

- Wi-Fi® 5, 802.11ac 2x2 Wi-Fi® + Bluetooth® 5.1, M.2 card
- Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 card

**Onboard Ethernet**

Gigabit Ethernet, 1x RJ-45

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**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<sup>[1]</sup>

**Rear Ports**

- 2x USB 2.0
- 2x USB 3.2 Gen 1
- 1x HDMI® 1.4
- 1x Ethernet (RJ-45)
- 1x power connector

**Bottom Ports**

1x headphone / microphone combo jack (3.5mm)

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**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

**BIOS Security**

- Administrator password
- Hard disk password
- Power-on password

- More BIOS security features, please visit [BIOS Simulator<sup>\[1\]</sup>](#)

#### Notes:

[1] The BIOS simulator is just for reference. Default settings and some options may vary depending on the hardware, operating system and BIOS version.

## SERVICE

### Warranty<sup>[1]</sup>

#### 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%
- Storage: 10% to 90%

#### 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<sup>[1]</sup>

#### Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 3/7
- 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>.

- 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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