

**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

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 5 5500U	6	12	2.1GHz	4.0GHz	3MB L2 / 8MB 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

### Operating System

#### Operating System

- Windows® 10 Home 64
- No operating system

### Graphics

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

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

#### Notes:

1. The information of integrated graphics are not applicable for the models without integrated graphics (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

AMD SoC (System on Chip) platform

### Memory

#### Memory Type

DDR4-3200

#### Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

#### Memory Protection

Non-ECC

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

Up to 16GB DDR4-3200

#### Notes:

1. 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

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

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

**RAID**

Not support

**Storage Type**

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

**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, HARMAN-branded

**Microphone**

- Single microphone
- Dual array microphone

**Camera**

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

**Power Supply****Power Supply**

Power	Type	Efficiency	Key Features
90W	Adapter	88%	100V - 240V

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

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
23.8"	FHD (1920x1080)	None	IPS	250 nits	Anti-glare	16:9	1000:1	-	horizontal: +/- 89°, vertical: +/- 89°	Borderless design, antiglare

**Touchscreen**

Non-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>

**Input Device****Keyboard**

# IdeaCentre AIO 3 24ALC6

- 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

## Mouse

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

## Mechanical

### Buttons

- Power button
- Optical drive eject button(for the models with ODD)

### Form Factor

AIO (24 inches)

### Dimensions (WxDxH)

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

### Weight

6.81 kg (15.01 lbs)

### Case Color

- Black
- White

### Bays

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

### Expansion Slots

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

### Stand

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

## CONNECTIVITY

### Network

#### Onboard Ethernet

Gigabit Ethernet, 1x RJ45

#### WLAN + Bluetooth™

802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card

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

#### Rear Ports<sup>[2]</sup>

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

#### Bottom Ports

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: 40 Gbit/s;  
FireWire 400: 400 Mbit/s;  
FireWire 800: 800 Mbit/s

2. For video ports on discrete graphics, please see graphics section

## SECURITY & PRIVACY

### Security

#### BIOS Security

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

## SERVICE

### Warranty

#### Base Warranty

- 1-year depot service
- 2-year depot service

## ENVIRONMENTAL

### Operating Environment

#### Temperature

- Storage and transportation: -20°C to 55°C (-4°F to 131°F)
- Operating: 10°C to 35°C (50°F to 95°F)

#### Humidity

Operating: 20% to 80% (non-condensing)

Storage: 20% to 93% (non-condensing)

#### Atmospheric Pressure

86 kPa to 106 kPa

## CERTIFICATIONS

### Green Certifications

#### Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 3 and Lot 7
- RoHS compliant

