

OVERVIEW



1. Power connector	5. 2x USB 2.0
2. HDMI 1.4	6. Power button
3. 2x USB 3.2 Gen 2	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
Pentium® Gold 7505	2	4	2.0GHz	3.5GHz	4MB	DDR4-3200	Intel® UHD Graphics
Core™ i3-1115G4	2	4	3.0GHz	4.1GHz	6MB	DDR4-3200	Intel UHD Graphics
Core i5-1135G7	4	8	2.4GHz	4.2GHz	8MB	DDR4-3200	Intel Iris® Xe Graphics
Core i7-1165G7	4	8	2.8GHz	4.7GHz	12MB	DDR4-3200	Intel Iris Xe Graphics

Operating System

Operating System

- Windows® 10 Home 64
- Windows 10 Home in S mode
- Windows 10 Pro 64
- No operating system

Graphics

Graphics^[1]

Graphics	Type	Memory	Connector	Max Resolution	Key Features	Remark
Intel UHD Graphics	Integrated	Shared	1x HDMI® 1.4	1920x1080@60Hz(HDMI)	DirectX® 12	-
Intel Iris Plus Graphics	Integrated	Shared	1x HDMI 1.4	1920x1080@60Hz(HDMI)	DirectX 12	-
NVIDIA® GeForce® MX450	Discrete	2GB GDDR6	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

Intel 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^[1]

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

IdeaCentre AIO 3 24ITL6

- 2.5" HDD up to 1TB
- M.2 SSD up to 512GB
- Optional Intel Optane™ Memory

RAID

Not support

Storage Type

Disk Type	Interface	RPM	Offering	Security
Intel Optane Memory with Solid State Storage, M.2 2280	PCIe NVMe, PCIe 3.0 x4	-	-	-
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

Power Supply

Power Supply

Power	Type	Efficiency	Key Features
120W	Adapter	89%	100V - 240V
90W	Adapter	88%	100V - 240V

DESIGN

Display

Display^[1]

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:

1. 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

- 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^[1]

Rear Ports^[2]

- 2x USB 2.0
- 2x USB 3.2 Gen 2
- 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)

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

- ErP Lot 3 and Lot 7
- RoHS compliant

