OVERVIEW

1. PC / monitor mode switch	6. USB 3.2 Gen 2
2. HDMI-in 1.4	7. Power connector
3. Ethernet (RJ-45)	8. 2x USB 3.2 Gen 2
4. HDMI-out 1.4	9. Headphone / microphone combo jack (3.5mm)
5. 2x USB 2.0	

PERFORMANCE

Processor

Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Core™ i5-10400T	6	12	2.0GHz	3.6GHz	12MB	DDR4-2666	Intel® UHD Graphics 630
Core i5-11400T	6	12	1.3GHz	3.7GHz	12MB	DDR4-3200	Intel UHD Graphics 730
Core i7-10700T	8	16	2.0GHz	4.5GHz	16MB	DDR4-2933	Intel UHD Graphics 630
Core i7-11700T	8	16	1.4GHz	4.6GHz	16MB	DDR4-3200	Intel UHD Graphics 750

Operating System

Operating System

- Windows® 10 Home 64
- Windows 10 Pro 64
- No operating system

Graphics

Graphics[1]

Graphics	Type	Memory	Connector	Max Resolution	Key Features	Remark
Intel UHD Graphics 730	Integrated	Shared	1x HDMI® 1.4	1920*1080@60Hz(HDMI)	DirectX® 12	-
Intel UHD Graphics 750	Integrated	Shared	1x HDMI 1.4	1920*1080@60Hz(HDMI)	DirectX 12	-
Intel UHD Graphics 630	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 B560 chipset

Memory

Max Memory[1]

Up to 16GB DDR4-3200

Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

Memory Type[2]

- DDR4-2666
- DDR4-2933
- DDR4-3200

Memory Protection

Non-ECC

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.
2. Installed memory is actually 2666MHz, 2933MHz or 3200MHz, but may run at 2666MHz or 2933MHz or 3200MHz depending on the memory support capability of processor

Storage

Storage Support

Up to 2 drives, 1x 2.5″ HDD + 1x M.2 SSD
• 2.5″ HDD up to 2TB
• M.2 SSD up to 1TB

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	-	-	-

RAID

No support

Removable Storage

Optical

• USB external DVD burner (DVD±RW), slim (9.0mm)
• None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC274-CG codec

Speakers

Stereo speakers, 3W x2 + 5W, JBL®-branded

Microphone

Dual array microphone

Camera

• 5.0-megapixel IR camera, fixed focus
• 720p, fixed focus

Power Supply

Power Supply

Power	Type	Efficiency	Key Features
120W	Adapter	89%	100V - 240V
90W	Adapter	88%	100V - 240V
150W	Adapter	89%	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
23.8″	FHD (1920x1080)	Multi-touch	IPS	250 nits	Anti-glare	16:9	1000:1	-	horizontal: +/- 89°, vertical: +/- 89°	Borderless design, antiglare

Touchscreen

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

Pen

No support

Keyboard

- Euterpe Wireless Keyboard, grey
- Lenovo Calliope Keyboard (USB connector), black
- Lenovo Calliope Wireless Keyboard, black

Mouse

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

Mechanical

Buttons

- Power button
- PC / monitor mode switcher

Form Factor

AIO (23.8 inches)

Dimensions (WxDxH)

WxDxH: 541.2 x 435.19 x 24.92 mm (21.3 x 17.13 x 0.98 inches)

Weight

7.25kg (15.98 lbs)

Case Color

Graphite gray

Bays

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

Others

(Optional) Wireless charger

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

- 3x USB 3.2 Gen 2
- 1x Ethernet (RJ-45)
- 1x HDMI-out 1.4
- 1x HDMI-in 1.4
- 1x headphone / microphone combo jack (3.5mm)
- 1x power connector

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, formely USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;
   USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formely 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

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

SERVICE

Warranty

Base Warranty

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

ENVIRONMENTAL

Operating Environment

Temperature

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

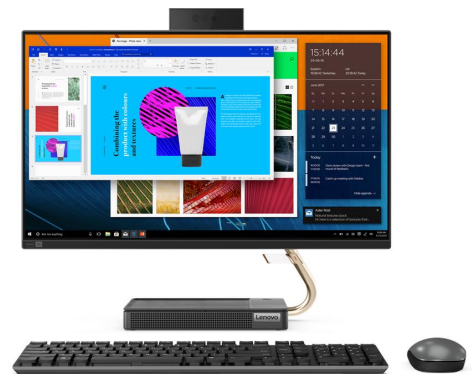**Green Certifications**

- ErP Lot 3 and Lot 7
- RoHS compliant

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