OVERVIEW



1. Optical drive *	7. Headphone / microphone combo jack (3.5mm)
2. Power connector	8. Card reader
3. Kensington Security Slot	9. Ethernet (RJ-45)
4. HDMI 1.4	10. Power button
5. 2x USB 2.0	11. Optical drive eject button
6. USB 3.1 Gen 1	

Notes:

- Ports with * are only available on selected models

PERFORMANCE

Processor

Processor Family

AMD E2 / A4 / A6 Processor

Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
AMD E2-9000	2	2	1.8GHz	2.2GHz	1MB L2	DDR4-1866	AMD Radeon™ R2 Graphics
AMD A4-9125	2	2	2.3GHz	2.6GHz	1MB L2	DDR4-2133	AMD Radeon R3 Graphics
AMD A6-9200	2	2	2.0GHz	2.8GHz	1MB L2	DDR4-1866	AMD Radeon R4 Graphics
AMD A6-9225	2	2	2.6GHz	3.1GHz	1MB L2	DDR4-2133	AMD Radeon R4 Graphics

Operating System

Operating System[1]

- Windows® 10 Home 64
- FreeDOS

Notes:

1. Some features may not be supported on the system with Linux preload, including but not limited to Intel® RST RAID, Human Presence Detection, etc.

Graphics

Graphics[1]

Graphics	Type	Memory	Connector	Max Resolution	Key Features
AMD Radeon R2 Graphics	Integrated	Shared	1x HDMI® 1.4	1920x1080@60Hz(HDMI)	DirectX® 12
AMD Radeon R3 Graphics	Integrated	Shared	1x HDMI 1.4	1920x1080@60Hz(HDMI)	DirectX 12
AMD Radeon R4 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

Max Memory[1]

Up to 8GB DDR4-2400

Memory Slots

One DDR4 SO-DIMM slot

Memory Type[2]

DDR4-2400

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 2400MHz, but may run at 1866MHz or 2133MHz depending on the memory support capability of processor

Storage

Storage Support[1]

- Models with SSD: up to two drives, 1x 2.5" HDD + 1x M.2 SSD
  - 2.5" HDD up to 1TB
  - M.2 SSD up to 128GB
- Models without SSD: up to one drive, 2.5" HDD up to 1TB

Storage Type

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

RAID

No support

Notes:

1. The storage capacity supported is based on the test results with current Lenovo storage offerings. The system may support larger storage as the technology develops.

Removable Storage

Optical

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

Card Reader

3-in-1 card reader (SD, SDHC, SDXC)

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

Stereo speakers, 2W x2

Microphone

Single microphone

Camera

HD 720p, fixed focus

Power Supply

Power Supply

Power	Type	Efficiency	Key Features
45W	Adapter	-	100V - 240V

DESIGN

Display

Display[1]

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
19.5"	WXGA+ (1440x900)	None	IPS	250 nits	Anti-glare	16:10	1000:1	-	horizontal: +/- 89°, vertical: +/- 89°	Anti-glare

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
- No keyboard folio

Mouse

- Lenovo Calliope Mouse (USB connector), black
- Lenovo Calliope Mouse (USB connector), white

Mechanical

Buttons

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

Form Factor

AIO (19.5 inches)

Dimensions (WxDxH)[1]

460.6 x 223.5 x 394.9 mm (18.1 x 8.8 x 15.5 inches)

Weight[2]

3.9 kg (8.6 lbs)

Case Color

- Black
- White

Bays

- 1x 2.5″ disk bay
- 1x slim ODD bay (optional)
- No bays

Expansion Slots

Two M.2 slots (one for WLAN, one for SSD)[3]

Stand

- Monitor stand, supports -3° to +40° tilt
- AIO stand

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. M.2 SSD slot only comes with pre-configured SSD models.

CONNECTIVITY

Network

Onboard Ethernet

Gigabit Ethernet, 1x RJ45

WLAN + Bluetooth®[1]

802.11ac 1x1 Wi-Fi® + Bluetooth 4.0, M.2 card

Notes:

1. Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation

Ports[1]

Rear Ports[2]

- 1x HDMI-out 1.4
- 2x USB 2.0
- 1x USB 3.1 Gen 1
- 1x Ethernet (RJ-45)
- 1x power connector

Bottom Ports

- 1x headphone / microphone combo jack (3.5mm)
- 1x card reader

Left Ports

None

Right Ports

None

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™ 3/4: 40 Gbit/s
2. For video ports on discrete graphics, please see graphics section

SECURITY & PRIVACY

Security

BIOS Security

- Administrator password
- Power-on password

SERVICE

Warranty[1]

Base Warranty

- 1-year mail-in service
- 1-year depot service
- 1-year limited onsite service
- 2-year depot 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://pcsupport.lenovo.com/warranty.

ENVIRONMENTAL

Operating Environment

Temperature

- Operating: 5°C (41°F) to 35°C (95°F)
- Storage: -20°C (-4°F) to 60°C (140°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[1]

Green Certifications

- ErP Lot 3
- RoHS compliant

Notes:

1. The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

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