

## PERFORMANCE

### Processor

#### Processor Family

8th / 9th Generation Intel® Core™ i5 / i7 / i9 Processor

#### Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Core i5-8400	6	6	2.8GHz	4.0GHz	9MB	DDR4-2666	Intel UHD Graphics 630
Core i5-9400	6	6	2.9GHz	4.1GHz	9MB	DDR4-2666	Intel UHD Graphics 630
Core i7-8700	6	12	3.2GHz	4.6GHz	12MB	DDR4-2666	Intel UHD Graphics 630
Core i7-9700	8	8	3.0GHz	4.7GHz	12MB	DDR4-2666	Intel UHD Graphics 630
Core i9-9900	8	16	3.1GHz	5.0GHz	16MB	DDR4-2666	Intel UHD Graphics 630

### Operating System

- Windows® 10 Home 64
- Windows 10 Pro 64

### Graphics

Graphics	Type	Memory	Connector	Max Resolution	Key Features
Intel UHD Graphics 630	Integrated	Shared	1x HDMI® 1.4	3840x2160@30Hz(HDMI)	DirectX® 12
AMD Radeon™ RX 560	Discrete	4GB GDDR5	1x HDMI 1.4	3840x2160@30Hz(HDMI)	DirectX 12

#### Notes:

- Integrated graphics information and onboard video ports information are not applicable for all models without integrated graphics (for the details, please refer to processor section)

### Monitor Support

Supports up to 2 independent displays via native display and 1 external monitor; supports external monitor via HDMI; work as standalone monitor via HDMI (HDMI in / out combo)

### Chipset

Intel B360 chipset

### Memory

#### Memory Type

DDR4-2666

#### Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

#### Memory Protection

Non-ECC

#### Max Memory

Up to 32GB DDR4-2666

#### Notes:

- 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 2TB
- M.2 SSD up to 1TB
- Optional Intel Optane™ Memory

## RAID

Not support

## Storage Type

Disk Type	Interface	RPM	Security
Intel Optane Memory	PCIe NVMe	-	-
2.5" SATA SSD	SATA 6Gb/s	-	-
M.2 2280 SSD	PCIe NVMe	-	-
M.2 2242 SSD	PCIe NVMe	-	-

## Removable Storage

### Optical

- USB external DVD burner (DVD±RW), slim (9.0mm)
- Not configured

### Card Reader

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

## Multi-Media

### Audio Chip

High Definition (HD) Audio, Realtek® ALC274 codec

### Speakers

Stereo speakers, 3W x2 and 5W x2, Dolby® Atmos® certified

### Microphone

Dual array microphone

### Camera

- 1080p, fixed focus
- IR & 1080p, fixed focus

## Power Supply

Power	Type	Efficiency	Key Features
230W	Adapter	-	100V - 240V

## DESIGN

### Display

#### Display

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
27"	QHD (2560x1440)	Multi-touch	IPS	350 nits	Anti-glare	16:9	1000:1	-	horizontal: +/- 89°, vertical: +/- 89°	-
27"	UHD (3840x2160)	Multi-touch	IPS	350 nits	Anti-glare	16:9	1000:1	100% sRGB	horizontal: +/- 89°, vertical: +/- 89°	-

#### 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>

### Touchscreen

Capacitive-type multi-touch, supports 10-point touch

## Input Device

### Pen

- Lenovo Active Pen
- Not configured

**Keyboard**

Lenovo Premium Wireless Keyboard, grey

**Mouse**

Lenovo Premium Wireless Mouse, grey

**Mechanical****Buttons**

- Power button
- Camera cover slider
- LED lamp button
- Lenovo Dial

**Form Factor**

AIO (27 inches)

**Dimensions (WxDxH)**

635.7 X 244 X 467 mm (25.02 X 9.6 X 18.38 inches)

**Weight**

14.5 kg (31.96 lbs)

**Case Color**

Iron grey

**Bays**

1x 2.5" disk bay

**Expansion Slots**

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

**Stand**

Monitor stand, supports -5° to +65° tilt

**Others**

- Wireless charger
- None

**CONNECTIVITY****Network****Onboard Ethernet**

Gigabit Ethernet, 1x RJ45

**WLAN + Bluetooth™**

802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 card

**Ports****Rear Ports**

- 4x USB 3.2 Gen 1
- 1x Ethernet (RJ-45)
- 1x HDMI-in /out 1.4
- 1x power connector

**Notes:**

- For video ports on discrete graphics, please see graphics section

**Left Ports**

- 1x USB 2.0
- 1x USB 3.1 Gen 2
- 1x card reader
- 1x Thunderbolt™ 3
- 1x headphone / microphone combo jack (3.5mm)

### Right Ports

None

## SECURITY & PRIVACY

### Security

#### BIOS Security

- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control

## SERVICE

### Warranty

#### Base Warranty

- 1-year mail-in service
- 1-year depot service
- 1-year limited onsite service
- 2-year depot service
- OB

## CERTIFICATIONS

### Green Certifications

ErP Lot 3 and Lot 7

