

## PERFORMANCE

### Processor

#### Processor Family

10th Generation Intel® Core™ i3 / i5 Processor

#### Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Core i3-10110U	2	4	2.1GHz	4.1GHz	4MB	DDR4-2666	Intel UHD Graphics
Core i5-10210U	4	8	1.6GHz	4.2GHz	6MB	DDR4-2666	Intel UHD Graphics

### Operating System

#### Operating System

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

### Graphics

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

Graphics	Type	Memory	Connector	Max Resolution	Key Features
Intel UHD Graphics	Integrated	Shared	1x HDMI® 1.4	4096x2304@24Hz(HDMI)	DirectX® 12

#### Notes:

1. 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

#### 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

DDR4-2666

#### Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

#### Memory Protection

Non-ECC

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

Up to 32GB DDR4-2666

#### 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	Security
2.5" SATA HDD	SATA 6Gb/s	7.2K	-
2.5" SATA HDD	SATA 6Gb/s	5.4K	-
M.2 2242 SSD	PCIe NVMe, PCIe 3.0 x2	-	-
M.2 2280 SSD	PCIe NVMe, PCIe 3.0 x4	-	-

**Removable Storage**

**Optical**

- DVD burner (DVD±RW), SATA 1.5Gb/s, slim (9.0mm)
- None

**Card Reader**

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

**Multi-Media**

**Audio Chip**

High Definition (HD) Audio, Realtek® ALC233 codec

**Speakers**

Stereo speakers, 3W x2

**Microphone**

Dual array microphone

**Camera**

720p webcam, LED indicator, with privacy camera cover

**Power Supply**

**Power Supply**

Power	Type	Efficiency	Key Features
65W	Adapter	88%	-

**DESIGN**

**Display**

**Display<sup>††</sup>**

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
21.5"	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 Wireless Keyboard, black

**Mouse**

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

- Lenovo Calliope Mouse (USB connector), black
- Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black
- No mouse

## Mechanical

### Buttons

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

### Form Factor

AIO (22 inches)

### Dimensions (WxDxH)

Models	Dimensions
Models without stand	490 x 59.7 x 307 mm (19.3 x 2.4 x 12 inches)
Models with monitor stand	490 x 220 x 420 mm (19.3 x 8.7 x 16.5 inches)

### Weight

Models	Weight
Models without stand	4.3 kg (9.5 lbs)
Models with Monitor stand	6 kg (13.2 lbs)

### Case Color

Black

### 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 +35° tilt, left & right 45° swivel
- No stand

### Mounting

Supports VESA mount (100mm)

## CONNECTIVITY

### Network

#### Onboard Ethernet

Gigabit Ethernet, 1x RJ45

#### WLAN + Bluetooth™

- Intel Wireless-AC 9560, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 5.0, M.2 card
- Realtek RTL8822BE, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 5.0, M.2 card
- No WLAN and Bluetooth

### Ports

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

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

#### Left Ports

- 2x USB 2.0
- 1x USB 3.1 Gen 2

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

**Optional Left Ports**

None

**Right Ports**

None

**Optional Right Ports**

None

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Notes:

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

## SECURITY & PRIVACY

### Security

**Security Chip**

Firmware TPM 2.0 integrated in chipset

**Physical Locks**

Kensington® Security Slot

**Fingerprint Reader**

- Touch style fingerprint reader on mouse
- No fingerprint reader

**Other Security**

Camera privacy shutter

**BIOS Security**

- Power-on password
- Administrator password
- Hard disk password
- Smart USB protection (allows keyboard / mouse only, blocks all storage devices)
- Individual USB port disablement

## SERVICE

### Warranty

**Base Warranty**

- 1-year depot service
- 1-year limited onsite service

## CERTIFICATIONS

### Green Certifications

**Green Certifications**

- EPEAT™ Silver
- ENERGY STAR® 8.0

### Other Certifications

**Other Certifications**

- TÜV Rheinland Low Blue Light certified
- TÜV Ultra Low Noise certified

