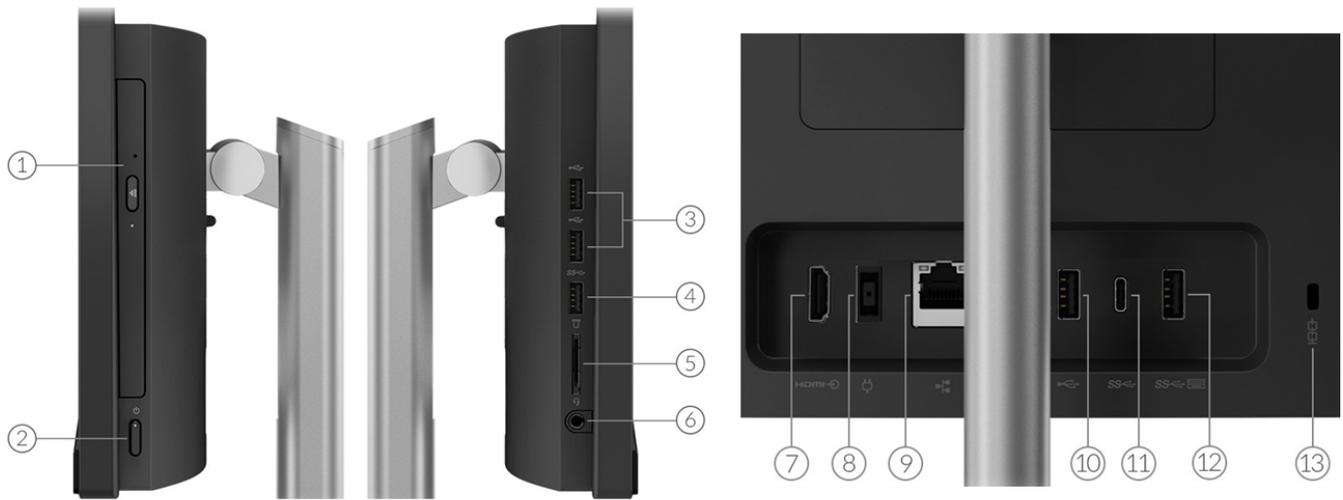


## OVERVIEW



1. Optical drive *	8. Power connector
2. Power button	9. Ethernet (RJ-45)
3. 2x USB 2.0	10. USB 2.0
4. USB 3.2 Gen 1	11. USB-C 3.2 Gen 1
5. Card reader	12. USB 3.2 Gen 1
6. Headphone / microphone combo jack (3.5mm)	13. Kensington Security Slot
7. HDMI 1.4 out	

Notes:

- Ports with \* are only available on selected models

## PERFORMANCE

### Processor

#### Processor Family

Intel® Pentium® Gold or 10th Generation Core™ i3 / i5 / i7 Processor

#### Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Pentium Gold G6400T	2	4	3.4GHz	-	4MB	DDR4-2666	Intel UHD Graphics 610
Core i3-10100T	4	8	3.0GHz	3.8GHz	6MB	DDR4-2666	Intel UHD Graphics 630
Core i5-10400T	6	12	2.0GHz	3.6GHz	12MB	DDR4-2666	Intel UHD Graphics 630
Core i7-10700T	8	16	2.0GHz	4.5GHz	16MB	DDR4-2933	Intel UHD Graphics 630

### 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 610	Integrated	Shared	1x HDMI® 1.4	4096x2160@30(HDMI)	DirectX® 12
Intel UHD Graphics 630	Integrated	Shared	1x HDMI 1.4	4096x2160@30(HDMI)	DirectX 12
AMD Radeon™ 625	Discrete	2GB GDDR5	1x HDMI 1.4	4096x2160@30Hz(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 B460 chipset

### 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
- No microphone

### Camera

- 720p webcam, LED indicator, with privacy camera cover
- 1080p webcam, LED indicator, with privacy camera cover
- No camera

## Power Supply

### Power Supply

Power	Type	Efficiency	Key Features
90W	Adapter	88%	Autosensing
120W	Adapter	89%	Autosensing

## DESIGN

## Display

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

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
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**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**

**Keyboard**

- Lenovo Calliope Keyboard (USB connector), black
- Lenovo Calliope Wireless Keyboard, black
- No keyboard

**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 (24 inches)

**Dimensions (WxDxH)**

Models	Dimensions
Models without stand	541 x 59.7 x 337 mm (21.3 x 2.4 x 13.3 inches)
Models with full function monitor stand	541 x 220 x 484 mm (21.3 x 8.7 x 19.1 inches)
Models with monitor stand	541 x 214 x 450 mm (21.3 x 8.4 x 17.7 inches)

**Weight**

Models	Weight
Models without stand	5 kg (11 lbs)
Models with monitor stand	6.7 kg (15 lbs)
Models with full function monitor stand	6.8 kg (15 lbs)

**Case Color**

Raven 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
- Full function monitor stand, supports -5° to +25° tilt, left & right 45° swivel, up to 100mm lift
- No stand

**Mounting**

Supports VESA mount (100mm)

## CONNECTIVITY

### Network

#### Onboard Ethernet

Gigabit Ethernet, 1x RJ45

#### WLAN + Bluetooth™

- Realtek RTL8822CE, 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
- Realtek RTL8822CE-VS, 802.11ac Dual Band 1x1 Wi-Fi + Bluetooth 5.0, M.2 card
- Intel Dual Band Wireless-AC 3165, 802.11ac Dual Band 1x1 Wi-Fi + Bluetooth 5.0, M.2 Card
- Intel Wireless-AC 9260, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 5.0, M.2 card
- No WLAN and Bluetooth

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

#### Rear Ports<sup>[2]</sup>

- 1x USB 2.0
- 1x USB 3.2 Gen 1
- 1x USB-C 3.2 Gen 1
- 1x Ethernet (RJ-45)
- 1x HDMI 1.4 out
- 1x HDMI-in

#### Left Ports

- 2x USB 2.0
- 1x USB 3.2 Gen 1
- 1x card reader
- 1x headphone / microphone combo jack (3.5mm)

#### Optional Left Ports

None

#### Right Ports

None

#### Optional 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: 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

#### 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

(Optional) ThinkShutter camera cover

## BIOS Security

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

## SERVICE

### Warranty

#### Base Warranty

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

## ENVIRONMENTAL

### Operating Environment

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

- Operating: 10°C (50°F) to 35°C (95°F)
- Storage in original shipping packaging: From -20°C (-4°F) to 60°C (140°F)
- Storage without packaging: From -10°C (14°F) to 60°C (140°F)

#### Humidity

- Storage: 20% to 90% (non-condensing)
- Operating: 20% to 80% (non-condensing)

#### Altitude

- Operating: From -15.2 m (-50 ft) to 3048 m (10,000 ft)
- Storage: From -15.2 m (-50 ft) to 10668 m (35,000 ft)

#### Notes:

1. If your computer is stored or transported in temperatures less than 10°C (50°F), allow the computer to rise slowly to an optimal operating temperature before use. This process might take up to two hours. Using the computer in a lower operating temperature might result in irreparable damage to your computer.

## ACCESSORIES

### Bundled Accessories

#### Bundled Accessories

None

## CERTIFICATIONS

### Green Certifications

#### Green Certifications

- EPEAT™ Silver
- ENERGY STAR® 8.0 (Only on Core i models)
- RoHS compliant

### Other Certifications

#### Other Certifications

- TÜV Rheinland Low Blue Light certified
- TÜV Ultra Low Noise certified
- None

