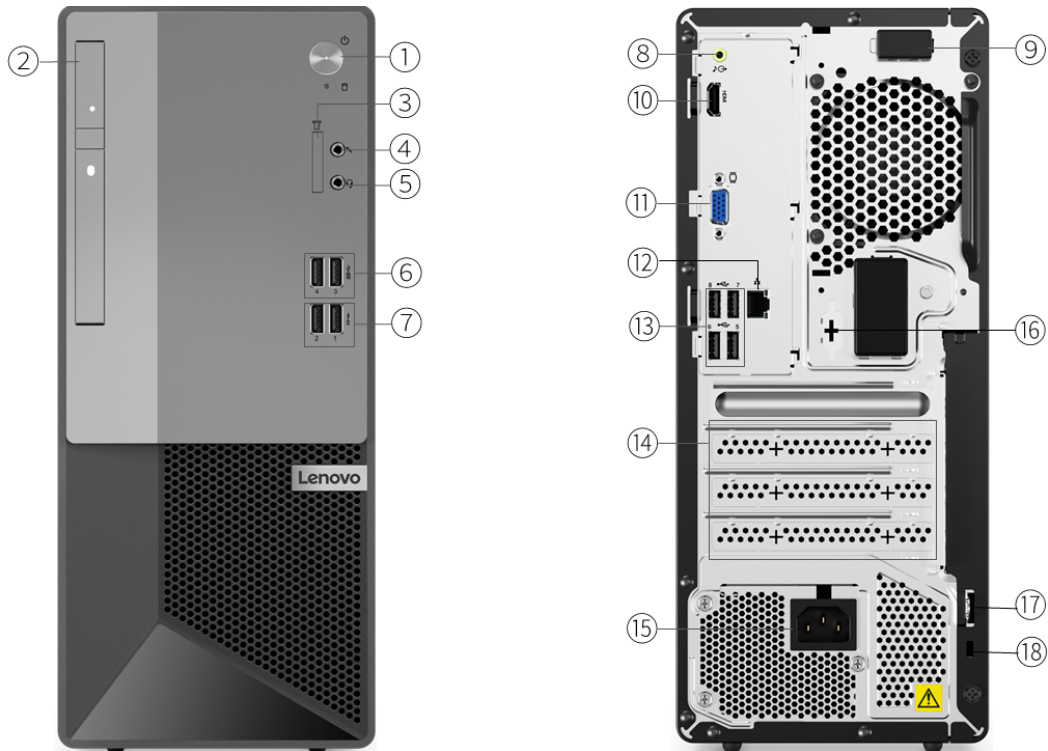


**OVERVIEW**



1. Power button	10. HDMI
2. Optical drive *	11. VGA
3. Card reader *	12. Ethernet (RJ-45)
4. Microphone (3.5mm)	13. 4x USB 2.0
5. Headphone / microphone combo jack (3.5mm)	14. Optional ports on expansion cards *
6. 2x USB 3.2 Gen 1	15. Power connector
7. 2x USB 3.2 Gen 2	16. Serial *
8. Audio line-out (3.5mm)	17. Padlock loop *
9. Smart cable clip slots *	18. Kensington Security Slot *

Notes:

- Ports with \* are only available on selected models
- More ports are available through the optional expansion cards (not shown on the sample product above)

## PERFORMANCE

### Processor

#### Processor Family

AMD Ryzen™ 3 / 5 / 7 Processor

#### Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
AMD Ryzen 3 4300G	4	8	3.8GHz	4.0GHz	2MB L2 / 4MB L3	DDR4-3200	AMD Radeon™ Graphics
AMD Ryzen 3 5300G	4	8	4.0GHz	4.2GHz	2MB L2 / 8MB L3	DDR4-3200	AMD Radeon Graphics
AMD Ryzen 5 4600G	6	12	3.7GHz	4.2GHz	3MB L2 / 8MB L3	DDR4-3200	AMD Radeon Graphics
AMD Ryzen 5 5600G	6	12	3.9GHz	4.4GHz	3MB L2 / 16MB L3	DDR4-3200	AMD Radeon Graphics
AMD Ryzen 7 4700G	8	16	3.6GHz	4.4GHz	4MB L2 / 8MB L3	DDR4-3200	AMD Radeon Graphics
AMD Ryzen 7 5700G	8	16	3.8GHz	4.6GHz	4MB L2 / 16MB L3	DDR4-3200	AMD Radeon 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	Remark
AMD Radeon Graphics	Integrated	Shared	1x HDMI® 1.4b, 1x VGA	3840x2160@30Hz(HDMI), 2048x1536@50Hz(VGA)	DirectX® 12	-
AMD Radeon RX 550X	Discrete	4GB GDDR5	1x HDMI 2.0, 1x DP 1.4, 1x VGA	4096x2160@60Hz(HDMI), 3840x2160@60Hz(DP), 2048x1536@85Hz(VGA)	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 onboard ports (VGA and HDMI), more displays support via discrete graphics

### Chipset

#### Chipset

AMD PRO 565 chipset

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

#### Max Memory<sup>[2]</sup>

Up to 32GB DDR4-3200

#### Memory Slots

Two DDR4 UDIMM slots, dual-channel capable

**Memory Type**

DDR4-3200

**Memory Protection**

Non-ECC

**Notes:**

1. Recommend to choose the models with more than 4GB for better performance and experience
2. 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 two drives, 1x 3.5" HDD + 1x M.2 SSD

- 3.5" HDD up to 2TB
- M.2 SSD up to 1TB

**Storage Type**

Disk Type	Interface	RPM	Security
3.5" SATA HDD	SATA 6Gb/s	7.2K	-
M.2 2242 SSD	PCIe NVMe, PCIe 3.0 x4	-	-
M.2 2280 SSD	PCIe NVMe, PCIe 3.0 x4	-	Opal2

**RAID**

No support

**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)
- No card reader

**Multi-Media****Audio Chip**

High Definition (HD) Audio, Realtek® ALC222 codec

**Speakers**

- Single speaker, 2W x1
- No speakers

**Power Supply****Power Supply**

Power	Type	Efficiency
180W	Fixed	85%
260W	Fixed	85%

**DESIGN****Input Device****Keyboard**

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

**Mouse**

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

- No mouse

## Mechanical

### Form Factor

Tower (13.6L)

### Dimensions (WxDxH)

145 x 272.3 x 340 mm (5.71 x 10.72 x 13.39 inches)

### Weight

4.7 kg (10.36 lbs)

### Case Color

Black (chassis), grey (bezel)

### Bays

- 1x 3.5" disk bay
- 1x slim ODD bay

### Expansion Slots

- One PCIe 3.0 x16
- One PCIe 3.0 x1
- Two M.2 slots (one for WLAN, one for SSD)

### Mounting

None

## CONNECTIVITY

### Network

#### Onboard Ethernet

Gigabit Ethernet, Realtek RTL8111HN, 1x RJ45, supports Wake-on-LAN

#### Optional Ethernet

No optional Ethernet

#### WLAN + Bluetooth®

- Realtek RTL8852AE, Wi-Fi 6, 802.11ax Dual Band 2x2 Wi-Fi + Bluetooth 5.0, M.2 card
- Realtek RTL8822CE, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 5.0, M.2 card
- Qualcomm® QCA6174A, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 5.0, M.2 card
- No WLAN and Bluetooth

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

#### Front Ports

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

#### Optional Front Ports

1x card reader

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

- 4x USB 2.0
- 1x VGA
- 1x HDMI-out
- 1x Ethernet (RJ-45)
- 1x line-out (3.5mm)

#### Optional Rear Ports

- 1x serial
- 1x parallel

#### 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

## Monitor Cable

### Monitor Cable

- HDMI to DVI dongle
- No monitor cable

## SECURITY & PRIVACY

### Security

#### Security Chip

Firmware TPM 2.0 integrated in chipset

#### Physical Locks

- (Optional) Kensington® Security Slot
- (Optional) Smart Cable Clip
- (Optional) Padlock Loop

#### Chassis Intrusion Switch

- Chassis intrusion switch
- No chassis intrusion switch

#### Fingerprint Reader

- Touch style fingerprint reader on mouse
- No fingerprint reader

#### BIOS Security

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

## MANAGEABILITY

### System Management

#### System Management

None

## SERVICE

### Warranty

#### Base Warranty

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

## ENVIRONMENTAL

### Operating Environment

#### Temperature

- Storage: -40°C (-40°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)

## ACCESSORIES

### Bundled Accessories

#### Bundled Accessories

None

## CERTIFICATIONS

### Green Certifications

#### Green Certifications

- (Optional) EPEAT™ Silver
- (Optional) ENERGY STAR® 8.0
- TCO
- RoHS / WEEE / REACH

### Other Certifications

#### Other Certifications

TÜV Rheinland Low Noise



AMD



AMD



AMD



AMD



AMD



AMD