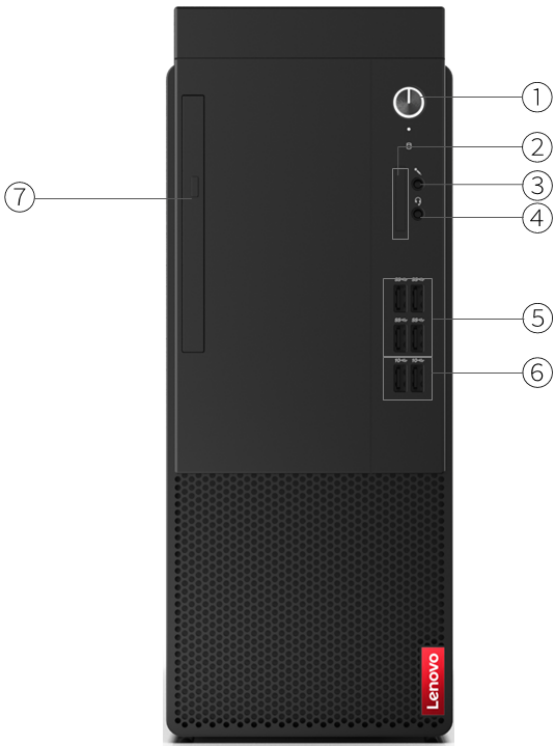
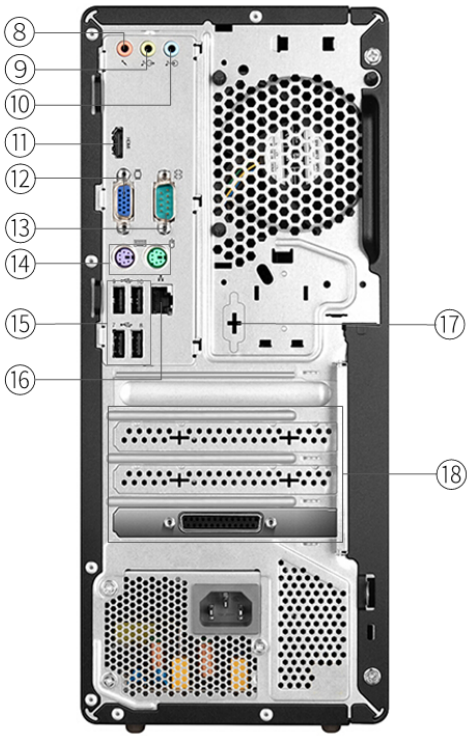
OVERVIEW





1. Power button	10. Line-in (3.5mm)
2. Card reader *	11. HDMI 1.4
3. Microphone (3.5mm)	12. VGA
4. Headphone / microphone combo jack (3.5mm)	13. Serial
5. 4x USB 3.2 Gen 1	14. 2x PS/2 ports (keyboard / mouse)
6. 2x USB 3.2 Gen 2	15. 4x USB 2.0
7. Optical drive *	16. Ethernet (RJ-45)
8. Microphone (3.5mm)	17. Serial *
9. Line-out (3.5mm)	18. Optional ports or expansion cards *

Notes:

- Items with * are only available on selected models

PERFORMANCE

Processor

Processor Family

10th Generation Intel® Core™ i5 Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Core i3-10100	4	8	3.6GHz	4.3GHz[1]	6MB	DDR4-2666	Intel UHD Graphics 630
Core i5-10400	6	12	2.9GHz	4.3GHz[2]	12MB	DDR4-2666	Intel UHD Graphics 630

Notes:

[1], [2] Intel Max Turbo frequency will vary depending on application workload and the hardware and software configurations, see http://www.intel.com/technology/turboboost/ for more information.

Operating System

Operating System

- Windows® 11 Pro
- No operating system

Graphics

Graphics

Graphics	Type	Memory	Connector	Max Resolution	Key Features
Intel UHD Graphics 630	Integrated	Shared	1x HDMI® 1.4, 1x VGA	1920x1080@60Hz(HDMI), 1920x1200@60Hz(VGA)	DirectX® 12

Monitor Support

Monitor Support

Supports up to 2 independent displays via onboard ports (VGA and HDMI)

Chipset

Chipset

Intel H470 chipset

Memory

Max Memory[1]

Up to 16GB DDR4-2666

Memory Slots

Two DDR4 UDIMM slots, dual-channel capable

Memory Type

DDR4-2666

Notes:

[1] The max memory is based on the test results with current Lenovo® memory offerings.

Storage

Storage Support[1]

Up to two drives, 1x 3.5" HDD + 1x M.2 SSD
• 3.5" HDD up to 1TB
• M.2 SSD up to 256GB

Storage Type***

Disk Type	Interface	RPM

3.5" SATA HDD	SATA 6Gb/s	7.2K
M.2 2242 SSD	PCIe® NVMe®	-
M.2 2280 SSD	PCIe NVMe	-

RAID

No support

Notes:

[1] The max capacity of each disk type is based on the test results with current Lenovo storage offerings.

Removable Storage

Optical**

- DVD-ROM, SATA 1.5Gb/s, slim (9.0mm)
- 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® ALC897Q-CG codec

Speakers

- No speakers
- Single speaker, 2W x1

Power Supply

Power Supply

Power	Type	Efficiency
180W	Fixed	85%

DESIGN

Input Device

Keyboard

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

Mouse

- Lenovo Calliope Mouse (USB connector), black
- No mouse

Mechanical

Form Factor

Tower (13.6L)

Dimensions (WxDxH)[1]

367 x 145 x 275.8 mm (14.45 x 5.71 x 10.86 inches)

Weight[2]

Around 4.8 kg (10.6 lbs)

Packaging Weight

Around 8.3 kg (18.3 lbs)

Case Color

Black

Bays

- 1x 2.5" disk bay

- 1x 3.5″ disk bay
- 1x slim ODD bay

Expansion Slots

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

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.

CONNECTIVITY

Network

Onboard Ethernet

Gigabit Ethernet, Realtek RTL8111HN, 1x RJ-45, supports Wake-on-LAN

WLAN + Bluetooth®

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

Ports[1]

Front Ports

- 2x USB 3.2 Gen 2
- 4x USB 3.2 Gen 1

Optional Front Ports

1x card reader

Rear Ports

- 4x USB 2.0
- 1x HDMI 1.4
- 1x VGA
- 1x Ethernet (RJ-45)
- 1x headphone (3.5mm)
- 1x line-in (3.5mm)
- 1x line-out (3.5mm)
- 1x serial (9-pin)

Optional Rear Ports***

- 1x parallel
- 1x serial
- 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;
USB4® 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;
USB4 40Gbps (USB 40Gbps): 40 Gbit/s;
Thunderbolt™ 3/4: 40 Gbit/s.

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in chipset

Physical Locks

- (Optional) Smart Cable Clip
- Kensington® Security Slot™, 3 x 7 mm
- Padlock Loop

BIOS Security

- Hard disk password
- Smart USB protection (allows keyboard / mouse only, blocks all storage devices)
- Disable IO ports by BIOS: USB, Audio

SERVICE

Warranty[1]

Base Warranty**

- 1-year courier or carry-in service
- 1-year limited onsite 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: -40°C (-40°F) to 60°C (140°F)

Humidity

- Operating: 20% to 80%
- Storage: 10% to 90%

Altitude

- Operating: 0 m (0 ft) to 3048 m (10,000 ft)
- Storage: 0 m (0 ft) to 12192 m (40,000 ft)

CERTIFICATIONS

Green Certifications[1]

Green Certifications

- ErP Lot 3 and Lot 7
- RoHS compliant

Notes:

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

- Feature with ** means that only one offering listed under the feature is configured on selected models.
- Feature with *** means that one or more offerings listed under the feature could be configured on selected models.
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