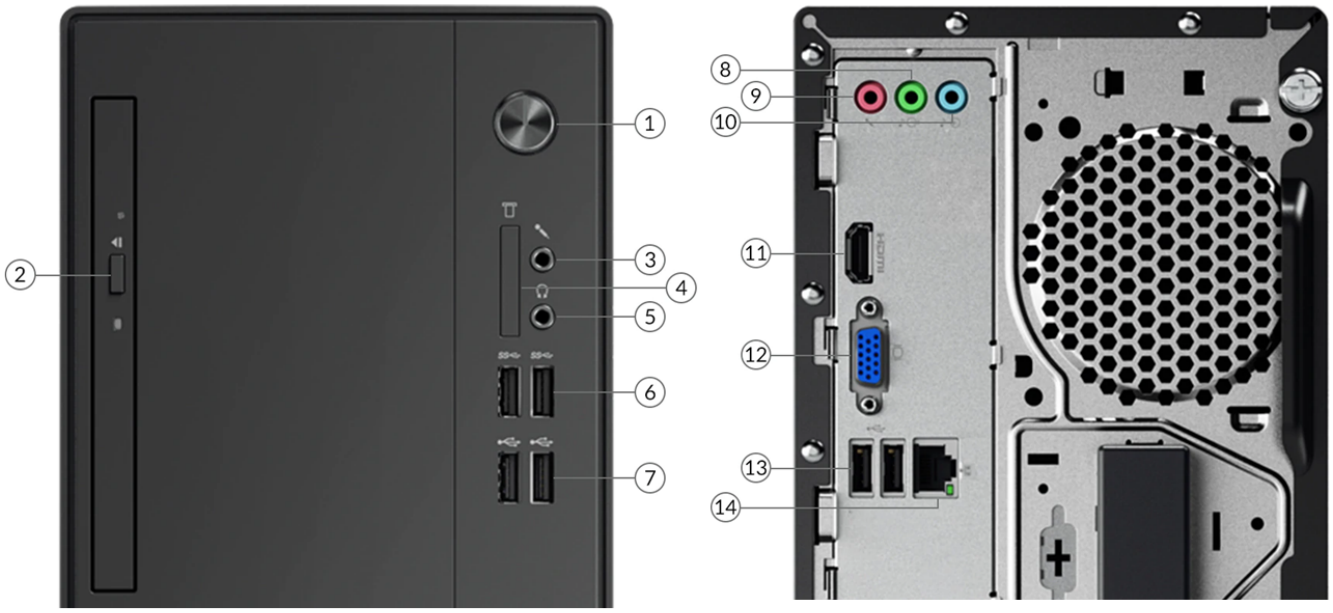
OVERVIEW



1. Power button	8. Line-out (3.5mm)
2. Optical drive *	9. Microphone (3.5mm)
3. Microphone (3.5mm)	10. Line-in (3.5mm)
4. Card reader *	11. HDMI 1.4 out
5. Headphone (3.5mm)	12. VGA
6. 2x USB 3.2 Gen 1	13. 2x USB 2.0
7. 2x USB 2.0	14. Ethernet (RJ-45)

Notes:

- Ports with * are only available on selected models

PERFORMANCE

Processor

Processor Family

AMD Athlon™ or AMD Ryzen™ 3 / 5 / 7 Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
AMD Athlon 300GE	2	4	3.4GHz	-	1MB L2 / 4MB L3	DDR4-2666	AMD Radeon™ Vega 3 Graphics
AMD Athlon Silver 3050GE	2	4	3.4GHz	3.4GHz	1MB L2 / 4MB L3	DDR4-2666	AMD Radeon Graphics
AMD Ryzen 3 3200G	4	4	3.6GHz	4.0GHz	2MB L2 / 4MB L3	DDR4-2933	AMD Radeon Vega 8 Graphics
AMD Ryzen 3 4300G	4	8	3.8GHz	4.0GHz	2MB L2 / 4MB L3	DDR4-3200	AMD Radeon Graphics
AMD Ryzen 5 3350G	4	8	3.6GHz	4.0GHz	2MB L2 / 4MB L3	DDR4-2933	AMD Radeon RX Vega 11 Graphics
AMD Ryzen 5 3400G	4	8	3.7GHz	4.2GHz	2MB L2 / 4MB L3	DDR4-2933	AMD Radeon RX Vega 11 Graphics
AMD Ryzen 5 4600G	6	12	3.7GHz	4.2GHz	3MB L2 / 8MB 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

Operating System

Operating System**

- Windows® 11 Pro 64
- Windows 11 Home 64
- Windows 10 Pro 64
- Windows 10 Home 64
- No operating system

Graphics

Graphics[1]

Graphics	Type	Memory	Connector	Max Resolution	Key Features
AMD Radeon Graphics	Integrated	Shared	1x HDMI® 1.4, 1x VGA	3840x2160@30Hz(HDMI), 1920x1080@60Hz(VGA)	DirectX® 12
AMD Radeon Vega 8 Graphics	Integrated	Shared	1x HDMI 1.4, 1x VGA	3840x2160@30Hz(HDMI), 1920x1080@60Hz(VGA)	DirectX 12
AMD Radeon Vega 11 Graphics	Integrated	Shared	1X HDMI 1.4, 1x VGA	3840x2160@30Hz(HDMI), 1920x1080@60Hz(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 B500 chipset

Memory

Max Memory[1]

Up to 32GB DDR4-3200

Memory Slots

Two DDR4 UDIMM slots, dual-channel capable

Memory Type**[2]

- DDR4-2666
- DDR4-2933
- DDR4-3200

Memory Protection

Non-ECC

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.
2. Installed memory is actually 3200MHz, but may run at 2666MHz, 2933MHz or 3200MHz depending on the memory support capability of processor

Storage

Storage Support[1]

Up to two drives, 1x 3.5" HDD + 1x M.2 SSD
• 3.5" HDD up to 2TB
• M.2 SSD up to 512GB

Storage Type***

Disk Type	Interface	RPM	Security
3.5" SATA HDD	SATA 6Gb/s	7.2K	-
M.2 2242 SSD	PCIe® NVMe®	-	-

RAID

No support

Notes:

1. The storage capacity supported is based on the test results with current Lenovo storage offerings. The system may support larger storage as the technology develops.

Removable Storage

Optical

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

Card Reader

- 7-in-1 card reader (SD, SDHC, SDXC, MMC, MS, MS-Pro, MMC plus)
- No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC662 codec

Speakers

No speakers

Power Supply

Power Supply

Power	Type	Efficiency	Key Features
180W	Fixed	85%	100V - 240V

DESIGN

Input Device

Keyboard**

- Lenovo Calliope Keyboard (USB connector), black
- USB Traditional Keyboard, black

Mouse**

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

Mechanical

Buttons

Power button

Form Factor

Tower (13.6L)

Dimensions (WxDxH)

145 x 275 x 360 mm (5.7 x 10.8 x 14.2 inches)

Weight

Around 5.6 kg (12.4 lbs)

Case Color

Raven black

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)

Stand

No stand

Mounting

None

CONNECTIVITY

Network

Onboard Ethernet

Gigabit Ethernet, 1x RJ-45

Optional Ethernet

No optional Ethernet

WLAN + Bluetooth®**[1]

- 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 4.0, M.2 card
- No WLAN and Bluetooth

Notes:

1. Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation

Ports[1]

Front Ports

- 2x USB 2.0

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

Optional Front Ports

1x card reader

Rear Ports[2]

- 2x USB 2.0
- 1x VGA
- 1x HDMI-out 1.4
- 1x Ethernet (RJ-45)
- 1x line-in (3.5mm)
- 1x line-out (3.5mm)
- 1x microphone (3.5mm)

Optional Rear Ports

- 1x parallel
- 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™ 3/4: 40 Gbit/s
2. For video ports on discrete graphics, please see graphics section

Monitor Cable

Monitor Cable

No monitor cable

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in processor

Physical Locks

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

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
- USB port disablement

MANAGEABILITY

System Management

System Management

Non-vPro

SERVICE

Warranty

Base Warranty[**][1]

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

Notes:

1. More information 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)

ACCESSORIES

Bundled Accessories

Bundled Accessories

None

CERTIFICATIONS

Green Certifications

Green Certifications

- (Optional) EPEAT™ Silver
- (Optional) ENERGY STAR® 8.0
- RoHS compliant

Other Certifications

Other Certifications

(Optional) TÜV Rheinland® Low Noise

- 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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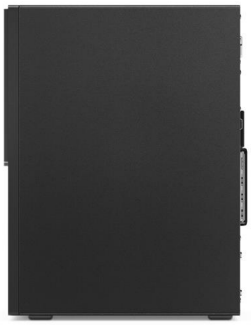
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