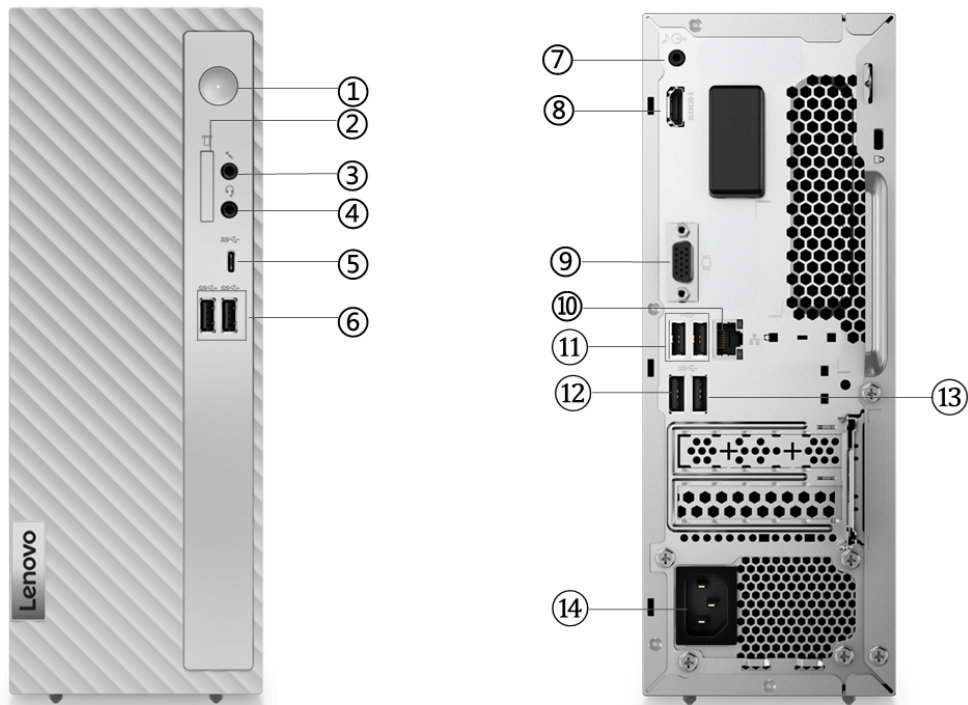


## OVERVIEW



1. Power button	8. HDMI 2.1 TMDs
2. Card reader *	9. VGA
3. Microphone (3.5mm)	10. Ethernet (RJ-45)
4. Headphone / microphone combo jack (3.5mm)	11. 2x USB 2.0
5. USB-C 3.2 Gen 1 (support data transfer and 5V@3A charging)	12. USB 3.2 Gen 1 (with smart power on)
6. 2x USB 3.2 Gen 1	13. USB 3.2 Gen 1
7. Line-out (3.5mm)	14. Power connector

Notes:

- Items with \* are only available on selected models

## PERFORMANCE

### Processor

#### Processor Family

13th / 14th Generation Intel® Core™ i5 / i7 Processor

#### Processor\*\*<sup>[1]</sup>

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
Celeron® G6900	2	2	3.4GHz	-	4MB	Intel® UHD Graphics 710
Pentium® Gold G7400	2	4	3.7GHz	-	6MB	Intel® UHD Graphics 710
Core™ i3-12100	4 (4 P-core + 0 E-core)	8	P-core 3.3GHz	P-core 4.3GHz	12MB	Intel® UHD Graphics 730
Core™ i5-12400	6 (6 P-core + 0 E-core)	12	P-core 2.5GHz	P-core 4.4GHz	18MB	Intel® UHD Graphics 730
Core™ i3-13100	4 (4 P-core + 0 E-core)	8	P-core 3.4GHz	P-core 4.5GHz	12MB	Intel® UHD Graphics 730
Core™ i5-13400	10 (6 P-core + 4 E-core)	16	P-core 2.5GHz / E-core 1.8GHz	P-core 4.6GHz / E-core 3.3GHz	20MB	Intel® UHD Graphics 730
Core™ i7-13700	16 (8 P-core + 8 E-core)	24	P-core 2.1GHz / E-core 1.5GHz	Max Turbo up to 5.2GHz / P-core 5.1GHz / E-core 4.1GHz	30MB	Intel® UHD Graphics 770
Core™ i3-14100	4 (4 P-core + 0 E-core)	8	P-core 3.5GHz	P-core 4.7GHz	12MB	Intel® UHD Graphics 730
Core™ i5-14400	10 (6 P-core + 4 E-core)	16	P-core 2.5GHz / E-core 1.8GHz	P-core 4.7GHz / E-core 3.5GHz	20MB	Intel® UHD Graphics 730
Core™ i7-14700	20 (8 P-core + 12 E-core)	28	P-core 2.1GHz / E-core 1.5GHz	Max Turbo up to 5.4GHz / P-core 5.3GHz / E-core 4.2GHz	33MB	Intel® UHD Graphics 770
300	2 (2 P-core + 0 E-core)	4	P-core 3.9GHz	-	6MB	Intel® UHD Graphics 710

Notes:

[1] 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
- Windows® 11 Home
- Windows® 11 Home Single Language
- Windows® 11 Home in S mode
- No preload operating system

### Graphics

#### Graphics\*\*

Graphics	Type	Memory	Connector	Max Resolution	Key Features
Intel® UHD graphics 710	Integrated	Shared	1x VGA, 1x HDMI® 2.1 TMDS	1920x1200@60Hz(VGA), 3840x2160@60Hz(HDMI®)	DirectX® 12
Intel® UHD graphics 730	Integrated	Shared	1x VGA, 1x HDMI® 2.1 TMDS	1920x1200@60Hz(VGA), 3840x2160@60Hz(HDMI®)	DirectX® 12
Intel® UHD graphics 770	Integrated	Shared	1x VGA, 1x HDMI® 2.1 TMDS	1920x1200@60Hz(VGA), 3840x2160@60Hz(HDMI®)	DirectX® 12

## Monitor Support

### Monitor Support

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

## Chipset

### Chipset

Intel® B660 chipset

## Memory

### Max Memory<sup>[1]</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] The max memory is based on the test results with current Lenovo® memory offerings.

## Storage

### Storage Support<sup>[1]</sup>

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
3.5" SATA HDD	SATA 6Gb/s	7.2K
M.2 2280 SSD	PCIe® NVMe®, PCIe® 4.0 x4	-

### 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

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® ALC623-CG codec

### Speakers

No speakers

## Power Supply

### Power Supply\*\*

Power	Type	Efficiency	Key Features
-------	------	------------	--------------

180W	Fixed	85%	Autosensing
260W	Fixed	85%	100-240V, 50-60Hz

## DESIGN

### Input Device

#### Keyboard

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

#### Mouse

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

### Mechanical

#### Form Factor

SFF (7.4L)

#### Dimensions (WxDxH)<sup>[1]</sup>

100 x 303.5 x 274.8 mm (3.9 x 11.94 x 10.8 inches)

#### Packaging Dimensions (WxDxH)

195 x 500 x 390 mm (7.7 x 19.7 x 15.4 inches)

#### Weight<sup>[2]</sup>

Models	Weight
Around	4.4 kg (9.8 lbs)

#### Packaging Weight

Around 6.25 kg (13.8 lbs)

#### Case Color

Cloud grey

#### Bays

1x 3.5" disk bay

#### Expansion Slots

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, 1x RJ-45

#### WLAN + Bluetooth®

Wi-Fi® 6, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.1, M.2 card

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

#### Front Ports

- 1x USB-C® 3.2 Gen 1 (support data transfer and 5V@3A charging)
- 2x USB 3.2 Gen 1
- 1x headphone / microphone combo jack (3.5mm)
- 1x microphone (3.5mm)

## Rear Ports

- 2x USB 2.0
- 2x USB 3.2 Gen 1
- 1x HDMI® 2.1 TMDS
- 1x VGA
- 1x Ethernet (RJ-45)
- 1x audio-out (3.5mm)

### 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

#### BIOS Security

- Administrator password
- Power-on password
- Hard disk password

## MANAGEABILITY

### System Management

#### System Management

None

## SERVICE

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

#### Base Warranty\*\*

- 1-year mail-in service
- 1-year courier or carry-in service
- 1-year limited onsite service
- 2-year courier or carry-in service
- 3-year courier or carry-in 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)

**Relative 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<sup>[1]</sup>

**Green Certifications**

- ErP Lot 3
- RoHS compliant

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**Notes:**

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

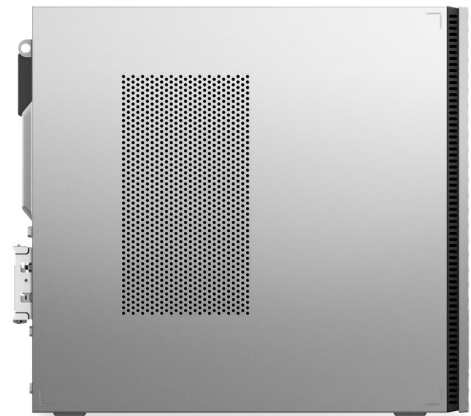
- Feature with \*\* means that only one offering listed under the feature is configured on selected models.
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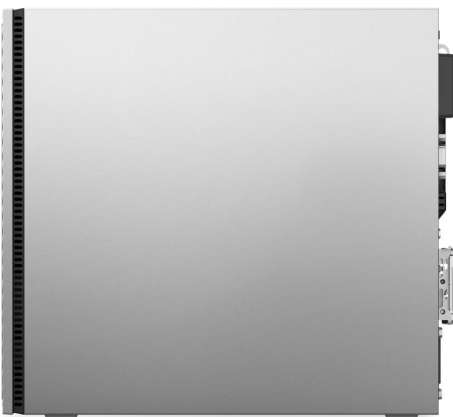
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