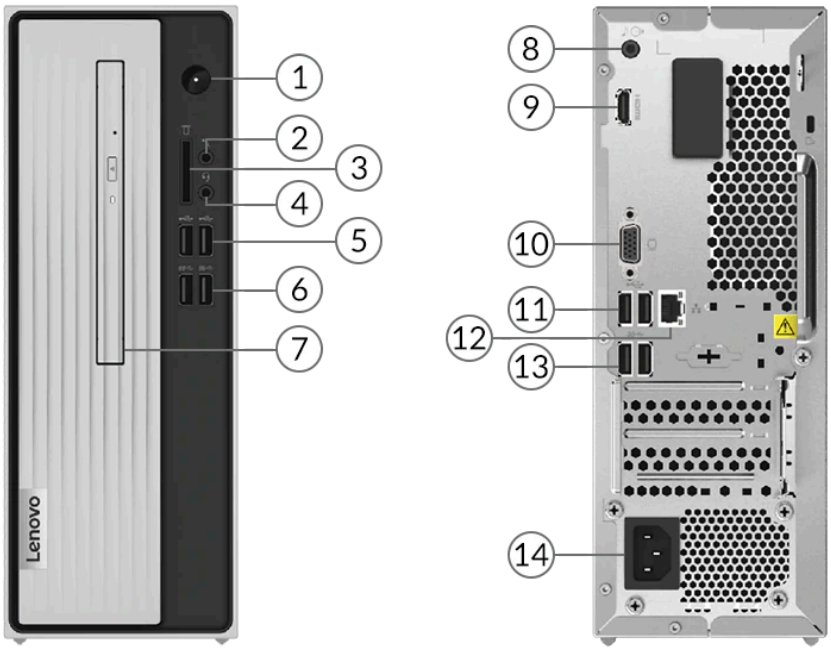
OVERVIEW



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

Notes:

- Ports with * are only available on selected models

PERFORMANCE

Processor

Processor Family

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

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Celeron G5900	2	2	3.4GHz	-	2MB	DDR4-2666	Intel UHD Graphics 610
Celeron G5905	2	2	3.5GHz	-	4MB	DDR4-2666	Intel UHD Graphics 610
Pentium Gold G6400	2	4	4.0GHz	-	4MB	DDR4-2666	Intel UHD Graphics 610
Pentium Gold G6405	2	4	4.1GHz	-	4MB	DDR4-2666	Intel UHD Graphics 610
Core i3-10100	4	8	3.6GHz	4.3GHz	6MB	DDR4-2666	Intel UHD Graphics 630
Core i3-10105	4	8	3.7GHz	4.4GHz	6MB	DDR4-2666	Intel UHD Graphics 630
Core i5-10400	6	12	2.9GHz	4.3GHz	12MB	DDR4-2666	Intel UHD Graphics 630
Core i5-10400F	6	12	2.9GHz	4.3GHz	12MB	DDR4-2666	-
Core i7-10700	8	16	2.9GHz	4.8GHz	16MB	DDR4-2933	Intel UHD Graphics 630
Core i7-10700F	8	16	2.9GHz	4.8GHz	16MB	DDR4-2933	-

Operating System

Operating System**

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

Graphics

Graphics[1]

Graphics	Type	Memory	Connector	Max Resolution	Key Features
Intel UHD graphics 610	Integrated	Shared	1x HDMI® 1.4b, 1x VGA	4096x2160@24Hz(HDMI), 2048x1536@50Hz(VGA)	DirectX® 12
Intel UHD graphics 630	Integrated	Shared	1x HDMI 1.4b, 1x VGA	4096x2160@24Hz(HDMI), 2048x1536@50Hz(VGA)	DirectX 12
NVIDIA® GeForce® GT 730	Discrete	2GB GDDR5	1x HDMI 1.4, 1x VGA	3840x2160@60HZ(HDMI), 2048x1536@75Hz(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

Intel B460 chipset

Memory

Max Memory[1]

Up to 32GB DDR4-2666

Memory Slots

Two DDR4 UDIMM slots, dual-channel capable

Memory Type[2]

DDR4-2933

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 2933MHz, but may run at 2666MHz or 2933MHz depending on the memory support capability of processor

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 512GB
• Optional Intel Optane™ Memory Integrated with SSD, M.2

Storage Type[***]

Disk Type	Interface	RPM	Security
3.5" SATA HDD	SATA 6Gb/s	7.2K	-
M.2 2242 SSD	PCIe NVMe	-	-
M.2 2280 SSD	PCIe NVMe	-	-
Intel Optane Memory with Solid State Storage, M.2 2280	PCIe NVMe, PCIe 3.0 x4	-	-

RAID

No support

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

Power Supply

Power Supply[**]

Power	Type	Efficiency	Key Features
180W	Fixed	85%	100V - 240V
260W	Fixed	85%	100V - 240V

DESIGN

Input Device

Keyboard

Lenovo Calliope Keyboard (USB connector), black

Mouse

Lenovo Calliope Mouse (USB connector), black

Mechanical

Form Factor

SFF (7.4L)

Dimensions (WxDxH)

Models	Dimensions
All models	100 x 274.5 x 312.5 mm (3.93 x 10.8 x 12.3 inches)

Weight

Models	Weight
All models	4.35 kg (9.59 lbs)

Case Color

Mineral grey

Bays

- 1x 2.5" disk bay
- 1x 3.5" disk bay
- 1x slim ODD bay

Expansion Slots

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

CONNECTIVITY

Network

Onboard Ethernet

Gigabit Ethernet, 1x RJ45

WLAN + Bluetooth®**

- 802.11ac 2x2 Wi-Fi® + Bluetooth 5.0, M.2 card
- Wi-Fi 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 card

Ports[1]

Front Ports

- 4x USB 3.2 Gen 1
- 1x headphone / microphone combo jack (3.5mm)
- 1x microphone (3.5mm)

Optional Front Ports

1x card reader

Rear Ports[2]

- 2x USB 2.0
- 2x USB 3.2 Gen 1
- 1x VGA
- 1x HDMI 1.4b
- 1x Ethernet (RJ-45)
- 1x line-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;
   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

Physical Locks

No physical locks

BIOS Security

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

SERVICE

Warranty

Base Warranty**

- 1-year mail-in service
- 1-year depot service
- 1-year limited onsite service
- 2-year depot service

ENVIRONMENTAL

Operating Environment

Temperature

Storage: -40°C (-40°F) to 60°C (140°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)

CERTIFICATIONS

Green Certifications

Green Certifications

- ENERGY STAR® 8.0, ErP Lot 3, RoHS compliant
- ErP Lot 3, RoHS compliant

- 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.
- Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. LENOVO PROVIDES THIS PUBLICATION “AS IS,” WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions, therefore this disclaimer may not apply to

you.

- The specifications on this page may not be available in all regions, and may be changed or updated without notice.







