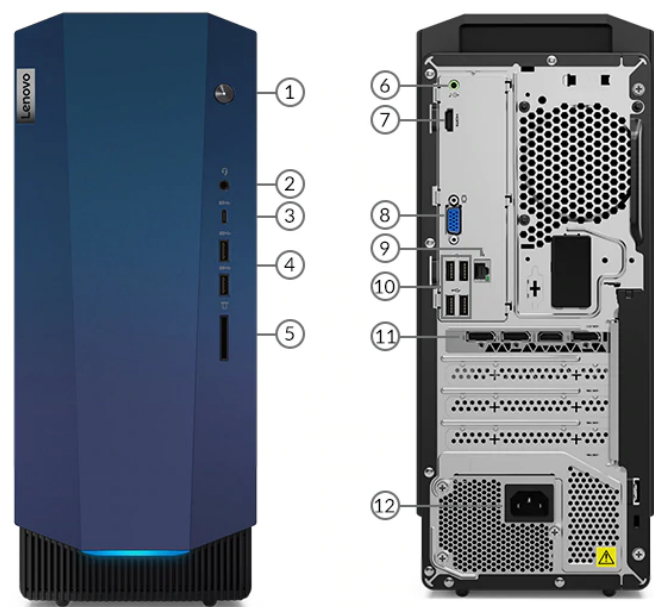


OVERVIEW



1. Power button	7. HDMI 2.0
2. Headphone / microphone combo jack (3.5mm)	8. VGA
3. USB-C 3.2 Gen 1	9. Ethernet (RJ-45)
4. 2x USB 3.2 Gen 1	10. 4x USB 2.0
5. Card reader	11. Optional ports on expansion cards
6. Line-out (3.5mm)	12. Power connector

PERFORMANCE

Processor

Processor Family

11th Generation Intel® Core™ i5 / i7 Processor

Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
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 i5-11400	6	12	2.6GHz	4.4GHz	12MB	DDR4-3200	Intel UHD Graphics 730
Core i5-11400F	6	12	2.6GHz	4.4GHz	12MB	DDR4-3200	-
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	-
Core i7-11700	8	16	2.5GHz	4.9GHz	16MB	DDR4-3200	Intel UHD Graphics 750
Core i7-11700F	8	16	2.5GHz	4.9GHz	16MB	DDR4-3200	-

Operating System

Operating System

- Windows® 10 Home 64
- No operating system

Graphics

Graphics^[1]

Graphics	Type	Memory	Connector	Max Resolution	Key Features	Remark
NVIDIA® GeForce® GTX 1650	Discrete	4GB GDDR5	1x HDMI® 2.0b, 2x DP 1.4	4096x2160@60Hz(HDMI), 5120x3200@60Hz(DP)	DirectX® 12	-
NVIDIA GeForce GTX 1660 SUPER	Discrete	6GB GDDR6	1x DVI, 1x HDMI 2.0b, 1x DP 1.4	4096x2160@60Hz(HDMI), 5120x3200@60Hz(DP), 2560x1660@60Hz(DVI)	DirectX 12	-
NVIDIA GeForce RTX™ 3060	Discrete	12G GDDR6	3x DP 1.4a, 1x HDMI 2.1	7680x4320@60Hz(HDMI), 7680x4320@60Hz(DP)	DirectX 12	-

Notes:

- 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 B560 chipset

Memory

Max Memory^[1]

Up to 32GB DDR4-2933

Memory Slots

Two DDR4 UDIMM slots, dual-channel capable

Memory Type

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.

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
 - Optional Intel Optane™ Memory Integrated with SSD, M.2

Storage Type

Disk Type	Interface	RPM	Offering	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	-	-	-
Intel Optane Memory with Solid State Storage, M.2 2280	PCIe NVMe, PCIe 3.0 x4	-	-	-

RAID

No support

Removable Storage

Optical

None

Card Reader

- 3-in-1 card reader (SD, SDHC, SDXC)
- No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio

Power Supply

Power Supply

Power	Type	Efficiency	Key Features
310W	Fixed	92%	-
380W	Fixed	92%	-

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)

IdeaCentre Gaming5 14IOB6

145 x 292.2 x 365 mm (5.71 x 11.5 x 14.37 inches)

Weight

6.0 kg (13.2 lbs)

Case Color

Raven black

Bays

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

Expansion Slots

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

Cooling System (Fan&Cooler)

(Optional) 1x front system fan, 1x rear system fan

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
- No WLAN and Bluetooth

Ports^[1]

Front Ports

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

Rear Ports^[2]

- 4x USB 2.0
- 1x VGA
- 1x HDMI 2.0
- 1x Ethernet (RJ-45)
- 1x headphone (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

BIOS Security

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

SERVICE

Warranty

Base Warranty

- 1-year depot 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

- ErP Lot 3
- RoHS compliant

