

PERFORMANCE

Processor

Processor Family

Intel® Pentium® Gold Processor or 10th generation Intel Core™ i3 / i5 / i7 Processors

Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Core i3-10100T	4	8	3.0GHz	3.8GHz	6MB	DDR4-2666	Intel UHD Graphics 630
Core i5-10400T	6	12	2.0GHz	3.6GHz	12MB	DDR4-2666	Intel UHD Graphics 630
Core i7-10700T	8	16	2.0GHz	4.5GHz	16MB	DDR4-2933	Intel UHD Graphics 630

Operating System

- Windows® 10 Home 64
- Windows 10 Pro 64

Graphics

Graphics	Type	Memory	Connector	Max Resolution	Key Features
Intel UHD Graphics 630	Integrated	Shared	1x HDMI® 1.4	1920x1080@60Hz(HDMI)	DirectX® 12
NVIDIA® GeForce® GTX 1650	Discrete	4GB GDDR6	1x HDMI 1.4	2560x1440@60Hz (HDMI)	DirectX 12

Notes:

- Integrated graphics information and onboard video ports information are not applicable for all models without integrated graphics (for the details, please refer to processor section)

Monitor Support

Supports up to 2 independent displays via native display and 1 external monitor; supports external monitor via HDMI; work as standalone monitor via HDMI (HDMI in)

Chipset

Intel B460 chipset

Memory

Memory Type

- DDR4-2666
- DDR4-2933

Notes:

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

Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

Memory Protection

Non-ECC

Max Memory

Up to 32GB DDR4-3200

Notes:

- 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 2 drives, 1x 2.5" HDD + 1x M.2 SSD

- 2.5" HDD up to 2TB

IdeaCentre AIO 5 27IMB05

- M.2 SSD up to 1TB
- Optional Intel Optane™ Memory

RAID

Not support

Storage Type

Disk Type	Interface	RPM	Security
2.5" SATA HDD	SATA 6Gb/s	5.4K	-
Intel Optane Memory	PCIe NVMe	-	-
M.2 2280 SSD	PCIe NVMe	-	-
M.2 2242 SSD	PCIe NVMe	-	-

Removable Storage

Optical

- USB external DVD burner (DVD±RW), slim (9.0mm)
- Not configured

Card Reader

3-in-1 card reader (SD, SDHC, SDXC)

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

Stereo speakers, 3W x2 + 5W

Microphone

Dual array microphone

Camera

- 1080p, fixed focus
- IR & 1080p, fixed focus

Power Supply

Power	Type	Efficiency	Key Features
120W	Adapter	-	-
150W	Adapter	-	-
170W	Adapter	-	-

DESIGN

Display

Display

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
27"	QHD (2560x1440)	None	IPS	250 nits	Anti-glare	16:9	1000:1	-	horizontal: +/- 89°, vertical: +/- 89°	borderless
27"	QHD (2560x1440)	Multi-touch	IPS	250 nits	Anti-glare	16:9	1000:1	-	horizontal: +/- 89°, vertical: +/- 89°	borderless

Notes:

- California Electronic Waste Recycling Fee
In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to <https://www.calrecycle.ca.gov/Electronics/Consumer>

Touchscreen

- Advanced In-cell Touch (AIT), supports 10-point touch
- Non-touch

Input Device

Keyboard

- Lenovo Premium Wireless Keyboard, grey
- Lenovo Calliope Keyboard (USB connector), grey
- Lenovo Calliope Wireless Keyboard, black
- Lenovo Calliope Wireless Keyboard, grey
- Lenovo Traditional Keyboard (USB connector), black
- USB Traditional Keyboard (USB connector), grey

Mouse

- Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), grey
- Lenovo Calliope Mouse (USB connector), grey
- Lenovo Premium Wireless Mouse, grey

Mechanical

Buttons

- Power button
- PC/monitor mode switcher

Form Factor

AIO (27 inches)

Dimensions (WxDxH)

Models	Dimensions
Non-touch models	614.8 x 200 x 476.03 mm (24.2 x 7.87 x 18.74 inches)
Touch models	614.8 x 200 x 481.81 mm (24.2 x 7.87 x 18.97 inches)

Weight

Models	Weight
Touch models	10.97 kg (24.18 lbs)
Non-touch models	9.22 kg (20.32 lbs)

Case Color

Mineral grey

Bays

1x 2.5" disk bay

Expansion Slots

Two M.2 slots (one for WLAN, one for SSD)

Stand

- Monitor stand, supports -5° to +25° tilt
- AIO stand

CONNECTIVITY

Network

Onboard Ethernet

Gigabit Ethernet, 1x RJ45

WLAN + Bluetooth™

- 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card
- 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card

Ports

Rear Ports

- 2x USB 2.0
- 1x USB-C 3.2 Gen 1

- 1x Ethernet (RJ-45)
- 1x HDMI 1.4 out
- 1x HDMI-in
- 1x power connector

Notes:

- For video ports on discrete graphics, please see graphics section

Left Ports

- 2x USB 3.2 Gen 1
- 1x card reader
- 1x headphone / microphone combo jack (3.5mm)

Right Ports

None

SECURITY & PRIVACY

Security

BIOS Security

- Power-on password
- Administrator password

SERVICE

Warranty

Base Warranty

- 1-year mail-in service
- 1-year depot service
- 2-year depot service
- OB

CERTIFICATIONS

Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 3 and Lot 7
- RoHS

