

PERFORMANCE

Processor

Processor Family

Intel® Celeron®, Intel Pentium® Gold Processor or 8th and 9th generation Intel Core™™ i3 / i5 Processors

Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Celeron G4930T	2	2	3.0GHz	-	2MB	DDR4-2400	Intel UHD Graphics 610
Pentium Gold G5420T	2	4	3.2GHz	-	4MB	DDR4-2400	Intel UHD Graphics 610
Core i3-8100T	4	4	3.1GHz	-	6MB	DDR4-2400	Intel UHD Graphics 630
Core i3-9100T	4	4	3.1GHz	3.7GHz	6MB	DDR4-2400	Intel UHD Graphics 630
Core i5-9400T	6	6	1.8GHz	3.4GHz	9MB	DDR4-2666	Intel UHD Graphics 630

Operating System

- Windows® 10 Home 64
- Windows 10 Home in S mode
- Windows 10 Pro 64
- FreeDOS

Graphics

Graphics	Type	Memory	Connector	Max Resolution	Key Features
Intel UHD Graphics 610	Integrated	Shared	1x HDMI® 1.4	1920x1080@60Hz(HDMI)	DirectX® 12
Intel UHD Graphics 630	Integrated	Shared	1x HDMI 1.4	1920x1080@60Hz(HDMI)	DirectX 12
AMD Radeon™ 530	Discrete	2GB GDDR5	1x HDMI 1.4	1920x1080@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

Chipset

Intel B365 chipset

Memory

Memory Type

DDR4-2666

Notes:

- Installed memory is actually 2666MHz, but may run at 2400MHz or 2666MHz 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 8GB DDR4-2400

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 1TB
- M.2 SSD up to 512GB
- Optional Intel Optane™ Memory or Optane Memory Integrated with SSD, M.2

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	-	-
Intel Optane Memory with Solid State Storage, M.2 2280	PCIe NVMe, PCIe 3.0 x4	-	-
M.2 2242 SSD	PCIe NVMe	-	-

Removable Storage

Optical

- DVD burner (DVD±RW), SATA 1.5Gb/s, 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

Microphone

- Single microphone
- Not configured

Camera

- 720p, fixed focus
- Not configured

Power Supply

Power	Type	Efficiency	Key Features
90W	Adapter	-	-
120W	Adapter	-	-

DESIGN

Display

Display

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
21.5"	FHD (1920x1080)	Multi-touch	IPS	250 nits	Anti-glare	16:9	1000:1	-	horizontal: +/- 89°, vertical: +/-	Borderless design,

									89°	antiglare
21.5"	FHD (1920x1080)	None	IPS	250 nits	Anti-glare	16:9	1000:1	-	horizontal: +/- 89°, vertical: +/- 89°	Borderless design, antiglare

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 Calliope Keyboard (USB connector), black
- Lenovo Calliope Keyboard (USB connector), white
- Lenovo Calliope Wireless Keyboard, black
- Lenovo Calliope Wireless Keyboard, silver
- Lenovo Calliope Wireless Keyboard, white
- Not configured

Mouse

- Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black
- Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), silver
- Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), white
- Lenovo Calliope Mouse (USB connector), black
- Lenovo Calliope Mouse (USB connector), white

Mechanical**Buttons**

- Power button
- Optical drive eject button(for the models with ODD)
- Camera cover slider

Form Factor

AIO (21.5 inches)

Dimensions (WxDxH)

490.5x 185 x 418.88 mm (19.31 x 7.28 x 16.49 inches)

Weight

5.8 kg (12.8 lbs)

Case Color

- Business black
- Foggy White

Bays

- 1x slim ODD bay (Optional)
- 1x 2.5" disk bay
- Not configured

Expansion Slots

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

Stand

AIO stand

CONNECTIVITY**Network****Onboard Ethernet**

Gigabit Ethernet, 1x RJ45

WLAN + Bluetooth™

802.11ac 1x1 Wi-Fi + Bluetooth 4.0, M.2 card

Ports

Rear Ports

- 2x USB 2.0
- 1x USB 3.2 Gen 1
- 1x Ethernet (RJ-45)
- 1x HDMI 1.4 out
- 1x power connector

Notes:

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

Left Ports

- 1x 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
- 1-year limited onsite service
- 2-year depot service
- OB

CERTIFICATIONS

Green Certifications

- ErP Lot 3 and Lot 7
- RoHS

