PERFORMANCE

Processor

Processor Family

10th Generation Intel® Core™ i3 / i5 Processor

Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Core i3-1005G1	2	4	1.2GHz	3.4GHz	4MB	DDR4-3200	Intel UHD Graphics
Core i5-1035G1	4	8	1.0GHz	3.6GHz	6MB	DDR4-3200	Intel UHD Graphics

Operating System

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

Graphics

Graphics	Type	Memory	Connector	Max Resolution	Key Features
Intel UHD Graphics	Integrated	Shared	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 SoC (System on Chip) platform

Memory

Memory Type

DDR4-3200

Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

Memory Protection

Non-ECC

Max Memory

Up to 16GB 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 1TB
• M.2 SSD up to 512GB

Storage Type

Disk Type	Interface	RPM	Security
2.5" SATA HDD	SATA 6Gb/s	5.4K	-
2.5" SATA HDD	SATA 6Gb/s	7.2K	-
M.2 2242 SSD	PCIe NVMe, PCIe 3.0 x2	-	-

M.2 2280 SSD	PCIe NVMe, PCIe 3.0 x4	-	-

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, Realtek® ALC233 codec

Speakers

Stereo speakers, 3W x2

Microphone

- Dual array microphone
- Not configured

Camera

- 720p webcam, LED indicator, with privacy camera cover
- Not configured

Power Supply

Power	Type	Efficiency	Key Features
65W	Adapter	88%	-

DESIGN

Display

Display

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
23.8"	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

Non-touch

Input Device

Keyboard

- Lenovo Calliope Keyboard (USB connector), black
- Lenovo Calliope Wireless Keyboard, black

Mouse

- Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black
- Lenovo Calliope Mouse (USB connector), black
- Lenovo Fingerprint Mouse (USB connector), black
- Not configured

Mechanical

Buttons

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

Form Factor

AIO (24 inches)

Dimensions (WxDxH)

Models	Dimensions
Models without stand	541 x 59.7 x 337 mm (21.3 x 2.4 x 13.3 inches)
Models with monitor stand	541 x 214 x 450 mm (21.3 x 8.4 x 17.7 inches)
Models with full function monitor stand	541 x 220 x 484 mm (21.3 x 8.7 x 19.1 inches)

Weight

Models	Weight
Models without stand	4.8 kg (10.6 lbs)
Models with monitor stand	6.4 kg (14.1 lbs)
Models with full function monitor stand	6.5 kg (14.3 lbs)

Case Color

Raven black

Bays

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

Expansion Slots

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

Stand

- Monitor stand, supports -5° to +35° tilt, left & right 45° swivel
- Full function monitor stand, supports -5° to +25° tilt, left & right 45° swivel, up to 100mm lift
- Not configured

Mounting

Support VESA mount (100mm)

CONNECTIVITY

Network

Onboard Ethernet

Gigabit Ethernet, 1x RJ45

WLAN + Bluetooth™

- Realtek RTL8822CE, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 5.0, M.2 card
- Intel Wireless-AC 9560, 802.11ac Dual Band 2x2 Wi-Fi + Bluetooth 5.0, M.2 card
- Not configured

Ports

Rear Ports

- 2x USB 2.0
- 1x USB 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 2.0

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

Optional Left Ports

None

Right Ports

None

Optional Right Ports

None

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in chipset

Physical Locks

Kensington® Security Slot

Fingerprint Reader

- Touch style fingerprint reader on mouse
- Not configured

Other Security

Camera privacy shutter

BIOS Security

- Power-on password
- Administrator password
- Hard disk password
- Smart USB protection (allows keyboard / mouse only, blocks all storage devices)
- Individual USB port disablement

SERVICE

Warranty

Base Warranty

- 1-year depot service
- 1-year limited onsite service

CERTIFICATIONS

Green Certifications

- EPEAT™ Silver
- ENERGY STAR® 8.0
- RoHS

Other Certifications

- TÜV Rheinland Low Blue Light certified
- TÜV Ultra Low Noise certified











