

OVERVIEW



1. Optical drive	7. 3x USB 2.0
2. Power button	8. USB 3.1 Gen 1
3. Kensington Security Slot	9. USB 2.0
4. Power connector	10. USB 3.1 Gen 1
5. HDMI 1.4	11. Card reader
6. Ethernet (RJ-45)	12. Headphone / microphone combo jack (3.5mm)

PERFORMANCE

Processor

Processor Family

Intel® Celeron® or Intel Pentium® Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Celeron J4025	2	2	2.0GHz	2.9GHz	4MB	DDR4-2400	Intel UHD Graphics 600
Celeron J4005	2	2	2.0GHz	2.7GHz	4MB	DDR4-2400	Intel UHD Graphics 600
Pentium Silver J5005	4	4	1.5GHz	2.8GHz	4MB	DDR4-2400	Intel UHD Graphics 605
Pentium Silver J5040	4	4	2.0GHz	3.2GHz	4MB	DDR4-2400	Intel UHD Graphics 605

Operating System

Operating System**

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

Graphics

Graphics**^[1]

Graphics	Type	Memory	Connector	Max Resolution	Key Features
Intel UHD Graphics 600	Integrated	Shared	1x HDMI® 1.4	1920x1080@60Hz(HDMI)	DirectX® 12
Intel UHD Graphics 605	Integrated	Shared	1x HDMI 1.4	1920x1080@60Hz(HDMI)	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 native display and 1 external monitor; supports external monitor via HDMI

Chipset

Chipset

Intel SoC (System on Chip) platform

Memory

Max Memory^[1]

Up to 8GB DDR4-2400

Memory Slots

One DDR4 SO-DIMM slot

Memory Type

DDR4-2400

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^[1]

One drive, up to 1TB 2.5" HDD or 512GB M.2 SSD

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®	-	-
M.2 2280 SSD	PCIe NVMe	-	-

RAID

No support

Notes:

- The storage capacity supported is based on the test results with current Lenovo storage offerings. The system may support larger storage as the technology develops.

Removable Storage

Optical

- DVD burner (DVD±RW), SATA 1.5Gb/s, slim (9.0mm)
- None

Card Reader

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

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC233 codec

Speakers

Stereo speakers, 2W x2

Microphone

Single microphone

Camera

HD 720p webcam, LED indicator, with privacy camera cover

Power Supply

Power Supply

Power	Type	Efficiency	Key Features
65W	Adapter	88%	-

DESIGN

Display

Display^[1]

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
19.5"	WXGA+ (1440x900)	None	IPS	250 nits	Anti-glare	16:10	1000:1	-	horizontal: +/- 89°, vertical: +/- 89°	-

Touchscreen

Non-touch

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>

Input Device

Keyboard

- Lenovo Calliope Keyboard (USB connector), black
- No keyboard

Mouse**

- Lenovo Calliope Mouse (USB connector), black
- Lenovo Fingerprint Mouse (USB connector), black
- No mouse

Mechanical

Buttons

- Power button
- Optical drive eject button (ODD models only)

Form Factor

AIO (19 inches)

Dimensions (WxDxH)

Models	Dimensions
Models with monitor stand	460 x 73.5 x 395 mm (18.1 x 2.9 x 15.6 inches)
Models without stand	460 x 45 x 322 mm (18.1 x 1.8 x 12.7 inches)

Weight

Models	Weight
Models with monitor stand	Around 4 kg (8.8 lbs)
Models without stand	Around 3 kg (6.6 lbs)

Case Color

Black

Expansion Slots

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

Stand

Monitor stand, supports -2° to +65° tilt

CONNECTIVITY

Network

Ethernet

Gigabit Ethernet, Realtek RTL8111G, 1x RJ-45, supports Wake-on-LAN

WLAN + Bluetooth^[1]

- 802.11ac 1x1 Wi-Fi® + Bluetooth 4.1, M.2 card
- No WLAN and Bluetooth

Notes:

1. Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation

Ports^[1]

Rear Ports^{[1][2]}

- 3x USB 2.0
- 1x USB 3.1 Gen 1
- 1x HDMI 1.4
- 1x Ethernet (RJ-45)
- 1x power connector

Bottom Ports

- 1x USB 2.0

- 1x USB 3.1 Gen 1
- 1x headphone / microphone combo jack (3.5mm)
- 1x card reader

Left Ports

None

Optional Left Ports

None

Right Ports

None

Optional Right Ports

None

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™ 3/4: 40 Gbit/s
2. For video ports on discrete graphics, please see graphics section

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in SoC

Physical Locks

Kensington® Security Slot, 3 x 7 mm

Fingerprint Reader

- Touch style fingerprint reader on mouse
- No fingerprint reader

Other Security

Camera privacy shutter

BIOS Security

- Administrator password
- Power-on password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Smart USB protection (allows keyboard / mouse only, blocks all storage devices)
- Individual USB port disablement

SERVICE

Warranty

Base Warranty^[1]**

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

Notes:

1. More information of warranty policy, please access <https://pcsupport.lenovo.com/warranty>

ENVIRONMENTAL

Operating Environment

Temperature

- Operating: 5°C (41°F) to 35°C (95°F)
- Storage: -20°C (-4°F) to 60°C (140°F)

Humidity

- Operating: 20% to 80%
- Storage: 10% to 90%

Altitude

- Operating: 0 m (0 ft) to 3048 m (10,000 ft)
- Storage: 0 m (0 ft) to 12192 m (40,000 ft)

CERTIFICATIONS

Green Certifications

Green Certifications

- ErP Lot 3
- GREENGUARD®
- RoHS compliant

Other Certifications

Other Certifications

- (Optional) TÜV Rheinland® Low Blue Light
- (Optional) TÜV Rheinland Ultra Low Noise

- Feature with ** means that only one offering listed under the feature is configured on selected models.
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