

OVERVIEW



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

Notes:

- Ports with * are only available on selected models

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 J4105	4	4	1.5GHz	2.5GHz	4MB	DDR4-2400	Intel UHD Graphics 600
Celeron J4125	4	4	2.0GHz	2.7GHz	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^[1]

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

Notes:

1. Some features may not be supported on the system with Linux preload, including but not limited to Intel RST RAID, Human Presence Detection, etc.

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:

- 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]

- Models with SSD: up to two drives, 1x 2.5" HDD + 1x M.2 SSD
 - 2.5" HDD up to 1TB
 - M.2 SSD up to 128GB
- Models without SSD: up to one drive, 2.5" HDD up to 1TB

Storage Type

Disk Type	Interface	RPM	Security
2.5" SATA HDD	SATA 6Gb/s	5.4K	-
M.2 2242 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)

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

Stereo speakers, 2W x2

Microphone

Single microphone

Camera

HD 720p, fixed focus

Power Supply

Power Supply

Power	Type	Efficiency	Key Features
45W	Adapter	-	100V - 240V

DESIGN

Display

Display^[1]

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
19.5"	HD+ (1600x900)	None	IPS	250 nits	Anti-glare	16:10	1000:1	-	horizontal: +/- 88°, vertical: +/- 88°	-
19.5"	WXGA+	None	IPS	250 nits	Anti-	16:10	1000:1	-	horizontal: +/- 89°	Anti-glare

(1440x900)			glare			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
- Lenovo Calliope Keyboard (USB connector), white
- No keyboard folio

Mouse

- Lenovo Calliope Mouse (USB connector), black
- Lenovo Calliope Mouse (USB connector), white

Mechanical

Buttons

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

Form Factor

AIO (19.5 inches)

Dimensions (WxDxH)^[1]

460.6 x 223.5 x 394.9 mm (18.1 x 8.8 x 15.5 inches)

Weight^[2]

3.9 kg (8.6 lbs)

Case Color

- Black
- White

Bays

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

Expansion Slots

- Models with SSD: two M.2 slots (one for WLAN, one for SSD)
- Models without SSD: one M.2 slots for WLAN

Stand

- Monitor stand, supports -3° to +40° tilt
- AIO stand

Notes:

- The system dimensions may vary depending on configurations.
- The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

CONNECTIVITY

Network

Onboard Ethernet

Gigabit Ethernet, 1x RJ45

WLAN + Bluetooth^[1]

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

Notes:

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

Ports^[1]

Rear Ports^[2]

- 1x HDMI-out 1.4
- 2x USB 2.0
- 1x USB 3.1 Gen 1
- 1x Ethernet (RJ-45)
- 1x power connector

Bottom Ports

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

Left Ports

None

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

BIOS Security

- Administrator password
- Power-on password

SERVICE

Warranty^[1]

Base Warranty

- 1-year mail-in service
- 1-year depot service
- 1-year limited onsite service
- 2-year depot service

Notes:

1. The warranty upgrades may be bundled with some models, please check the "Included upgrade" column in the specific model's configurations. For more service extensions, please go to <https://smartfind.lenovo.com/>. To learn more details 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: -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^[1]****Green Certifications**

- ErP Lot 3
- RoHS compliant

Notes:

1. The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

- Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. LENOVO PROVIDES THIS PUBLICATION "AS IS," WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions, therefore this disclaimer may not apply to you.
- The specifications on this page may not be available in all regions, and may be changed or updated without notice.

