

OVERVIEW



1. USB-C 3.2 Gen 1	5. USB 3.2 Gen 1
2. Reset hole	6. USB 3.2 Gen 1
3. Headphone / microphone combo jack (3.5mm)	7. HDMI 1.4b
4. USB-C 3.2 Gen 1	8. Ethernet (RJ-45)

PERFORMANCE

Processor

Processor Family

Intel® Celeron® Processor

Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
Celeron® N4500	2	2	1.1GHz	2.8GHz	4MB L3	Intel® UHD Graphics

Operating System

Operating System

ChromeOS

Graphics

Graphics

Graphics	Type	Memory	Connector	Max Resolution	Key Features
Intel® UHD Graphics	Integrated	Shared	1x HDMI® 1.4b, 2x USB-C®	4096x2160@60Hz(USB-C®), 3840x2160@30Hz(HDMI®)	DirectX® 12

Monitor Support

Monitor Support

Supports up to 2 independent displays (2 external monitors via USB-C® and HDMI®)

Chipset

Chipset

Intel® SoC (System on Chip) platform

Memory

Max Memory

8GB soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type

LPDDR4x-4266

Storage

Storage Support

- 32GB eMMC 5.1 on systemboard
- 64GB eMMC 5.1 on systemboard

Storage Type

Disk Type	Interface
Flash Memory	eMMC 5.1

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® 5682I-VS codec

Speakers

No speakers

Microphone

No microphone

Power Supply

Power Supply\*\*

Power	Type	Efficiency	Key Features
65W	USB-C® (3-pin) AC adapter	90%	100-240V, 50-60Hz
45W	USB-C® (2-pin) AC adapter	90%	100-240V, 50-60Hz
65W	USB-C® (2-pin) AC adapter	90%	100-240V, 50-60Hz
45W	USB-C® (3-pin) AC adapter	90%	100-240V, 50-60Hz
No power supply	-	-	-

DESIGN

Input Device

Keyboard

No keyboard

Mouse

No mouse

Mechanical

Buttons

- Power button
- Rest hole

Form Factor

Chromebox (0.25L)

Dimensions (WxDxH)<sup>[1]</sup>

163 x 19.7 x 79 mm (6.4 x 0.8 x 3.1 inches)

Packaging Dimensions (WxDxH)

With adapter: 235 x 190 x 68 mm (9.25 x 7.48 x 2.68 inches)  
Without adapter: 209 x 127 x 49 mm (8.23 x 5 x 1.93 inches)

Weight<sup>[2]</sup>

Around 350 g (0.77 lbs)

Packaging Weight

With adapter: Around 962 g (2.12 lbs)  
Without adapter: Around 510 g (1.12 lbs)

Case Color

Black

Expansion Slots

None

Mounting

Two mounting screw holes are 100mm apart, designed for M2.5 x L6 screws.

Notes:

- [1] The system dimensions may vary depending on configurations.
- [2] 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, Realtek® RTL8111H, 1x RJ-45, supports Wake-on-LAN

### WLAN + Bluetooth®

Intel® Wi-Fi® 6 AX201, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.1 (Bluetooth® 5.2 hardware ready)<sup>[1]</sup>

Notes:

[1] Bluetooth® 5.2 is hardware ready but may run at a lower version due to OS limitations.

## Ports<sup>[1]</sup>

### Rear Ports

- 1x USB-C® 3.2 Gen 1
- 2x USB 3.2 Gen 1
- 1x HDMI® 1.4b
- 1x Ethernet (RJ-45)
- 1x headphone / microphone combo jack (3.5mm)

### Left Ports

1x USB-C® 3.2 Gen 1

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;

USB4® 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;

USB4® 40Gbps (USB 40Gbps): 40 Gbit/s;

Thunderbolt™ 3/4: 40 Gbit/s.

## SECURITY & PRIVACY

### Security

#### Security Chip

Google Security Chip H1

#### BIOS Security

No support

## SERVICE

### Warranty<sup>[1]</sup>

#### Base Warranty<sup>\*\*</sup>

- 1-year mail-in service
- 1-year courier or carry-in service
- 1-year courier or carry-in with 2-year system board service (Korea only)
- 2-year courier or carry-in 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**

- At altitudes up to 2438 m (8,000 ft)
  - Operating: 5°C to 35°C (41°F to 95°F)
  - Storage: 5°C to 43°C (41°F to 109°F)
- At altitudes above 2438 m (8,000 ft)
  - Maximum temperature when operating under the unpressurized condition: 31.3°C (88°F)

**Humidity**

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage and transportation: 5% to 95% at wet-bulb temperature 27°C (81°F)

**Altitude**

Maximum altitude (without pressurization): 3048 m (10,000 ft)

## CERTIFICATIONS

### Green Certifications<sup>[1]</sup>

**Green Certifications**

- ENERGY STAR® 8.0
- EPEAT™ Silver Registered
- ErP Lot 3
- RoHS / WEEE / REACH
- TCO Certified 9.0

---

**Notes:**

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

### Other Certifications

**Mil-Spec Test**

MIL-STD-810H military test passed (Rain, Sand and Dust, Freeze / Thaw)

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

