

## OVERVIEW



1. USB 3.2 Gen 1	4. USB-C 3.2 Gen 1
2. HDMI 1.4b	5. USB 3.2 Gen 1
3. Kensington Nano Security Slot	6. Combo audio jack

## PERFORMANCE

### Processor

#### Processor Family

MediaTek Processor

#### Processor

Processor Name	Cores	Threads	Max Frequency	Processor Graphics
MediaTek Kompanio 520	Octa-core: 2x A76 + 6x A55	8	A76@2.05GHz / A55@2.0GHz	ARM Mali-G52 2EE MC2

### Operating System

#### Operating System

ChromeOS

### Graphics

#### Graphics

Graphics	Type	Memory
ARM Mali-G52 2EE MC2 GPU	Integrated	Shared

### Monitor Support

#### Monitor Support<sup>[1]</sup>

Supports up to 2 independent displays (native display and 1 external monitor via USB-C® or HDMI®)

- USB-C® supports up to 1920x1080@60Hz
- HDMI® supports up to 1920x1080@60Hz

Notes:

[1] USB-C® is used mutually exclusively with HDMI® due to MediaTek platform limitation.

### Chipset

#### Chipset

MediaTek SoC (System on Chip) platform

### Memory

#### Max Memory

- 4GB soldered memory, not upgradable
- 8GB soldered memory, not upgradable

#### Memory Slots

Memory soldered to systemboard, no slots, dual-channel

#### Memory Type<sup>\*\*[1]</sup>

- LPDDR4x-3600
- LPDDR4x-3733

Notes:

[1] Installed memory is actually LPDDR4x-4266 but may run as LPDDR4x-3733 or LPDDR4x-3600 depending on the memory support capability of processor.

### Storage

#### Storage Support<sup>[1]</sup>

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

#### Storage Slot

eMMC on systemboard, no slots

#### Storage Type

Disk Type	Interface	Offering

Flash Memory	eMMC 5.1	32GB / 64GB
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Notes:  
[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.

## Removable Storage

### Card Reader

No card reader

## Multi-Media

### Audio Chip

High Definition (HD) Audio

### Speakers

Stereo speakers, 2W x2, optimized with Waves MaxxAudio®

### Microphone

Single microphone

### Camera

HD 720p, with privacy shutter, fixed focus

## Sensor

### Sensors

Hall sensor

## Battery

### Battery

Integrated Li-Polymer 47Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter

### Max Battery Life<sup>[1]</sup>

- WLAN models:  
Google power load test: 16 hr
- WWAN models:  
Google power load test: 14 hr

Notes:  
[1] All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark® 2018, MobileMark® 25, JEITA 2.0, continuous 1080p video playback (with 150nits brightness and default volume level) or Google Power Load Test (PLT) battery-life benchmark tests. Actual battery life will vary depending on many factors such as product configuration and usage, software use, wireless functionality, power management settings, and screen brightness. The maximum capacity of the battery will decrease with time and use.

## Power Adapter

### Power Adapter<sup>\*\*[1]</sup>

- 45W USB-C® (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 45W USB-C® (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C® (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C® (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

Notes:  
[1] AC adapter offerings depend on the country.

# DESIGN

## Display

### Display

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Refresh Rate	Viewing Angle (L/R/U/D)
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11.6"	HD (1366x768)	None	TN	250nits	Anti-glare	16:9	400:1	45% NTSC	60Hz	45°/45°/15°/35°
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**Touchscreen**

Non-touch

**Input Device****Pen**

No support

**Keyboard**

Chrome keyboard, 6-row, spill-resistant, Anti-pick proof keycaps with full skirt design

**Keyboard Backlight**

Non-backlight

**Touchpad**

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 60.5 x 104 mm (2.38 x 4.09 inches)

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

287 x 200 x 18.6 mm (11.3 x 7.9 x 0.73 inches)

**Weight<sup>[2]</sup>**

Around 1.23 kg (2.71 lbs)

**Case Color**

Graphite grey

**Surface Treatment**

Texture

**Case Material**

PC-ABS (top), PC-ABS (bottom)

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****Ethernet**

No onboard Ethernet

**WLAN + Bluetooth<sup>[1]</sup>**

MediaTek Wi-Fi® 6 MT7921, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.1 (Bluetooth® 5.3 hardware ready), M.2 Card

**WWAN\*\***

- Fibocom FM101-GL, 4G LTE CAT6, M.2 Card, with embedded eSIM functionality
- Quectel EM060K-GL, 4G LTE CAT6, M.2 Card, with embedded eSIM functionality
- No support

**SIM Card**

No physical SIM card inbox

Notes:

[1] Wi-Fi® 6 full features might be limited by country-level restrictions.

**Ports<sup>[1]</sup>****Standard Ports**

- 2x USB 3.2 Gen 1

- 1x USB-C® 3.2 Gen 1 (support data transfer, Power Delivery and DisplayPort™)
- 1x HDMI® 1.4b
- 1x Headphone / microphone combo jack (3.5mm)

#### 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.

## Docking

### Docking

Various docking solutions supported via USB-C®.

For more compatible docking solutions, please visit [Docking for Lenovo® 100e Chromebook Gen 4](#)

## SECURITY & PRIVACY

### Security

#### Security Chip

Google Security Chip H1

#### Physical Locks

Kensington® Nano Security Slot™

#### Fingerprint Reader

No fingerprint reader

#### BIOS Security

No support

#### Other Security

Camera privacy shutter

## SERVICE

### Warranty

#### Base Warranty\*\*

- 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 (1-yr battery) courier or carry-in service

## ACCESSORIES

### Bundled Accessories

#### Bundled Accessories<sup>[1]</sup>

None

#### Notes:

[1] For more compatible accessory solutions, please visit [Accessories for Lenovo® 100e Chromebook Gen 4](#)

## OPERATING REQUIREMENTS

### Operating Environment

**Temperature<sup>[1]</sup>**

- Operating: 5°C (41°F) to 35°C (95°F)
- Storage: 5°C (41°F) to 43°C (109°F)

**Relative Humidity**

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

**Altitude**

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

**Notes:**

[1] When you charge the battery, its temperature must be no lower than 10°C (50°F).

## ENVIRONMENTAL

### Sustainability

**Material**

90% recycled content in PIC cushion  
50% Ocean-Bound recycled plastic in Ocean-bound plastic bag  
Bamboo fiber screen film

## CERTIFICATIONS

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

**Green Certifications<sup>[2]</sup>**

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered<sup>[3]</sup>
- ErP Lot 6/26
- RoHS compliant
- 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. For ESG & regulatory compliance documents, please visit <https://compliance.lenovo.com>.

[2] EPEAT™ registration and ENERGY STAR® certification are dependent on system OS. Please visit [epeat.net](https://epeat.net) and [energystar.gov](https://energystar.gov) for more information.

[3] EPEAT™ is registered where applicable, please visit [epeat.net](https://epeat.net) for registration status by country.

### Other Certifications

**Mil-Spec Test**

MIL-STD-810H military test passed

**Other Certifications**

ASTM F963 test passed

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