

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
MediaTek Kompanio 528	Octa-core: 2x A76 + 6x A55	8	A76@2.2GHz / 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^[1]

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**^[1]

- 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

Max Storage Support**^[1]

- 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

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

47Wh Rechargeable Li-ion Battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter

Max Battery Life^[1]

- 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, MobileMark® 30, JEITA 2.0, JEITA 3.0, 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^{**[1]}

- 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	Contrast	Color	Refresh	Viewing Angle
------	------------	-------	------	------------	---------	--------	----------	-------	---------	---------------

						Ratio	Ratio	Gamut	Rate	(L/R/U/D)
11.6"	HD (1366x768)	Non-touch	TN	250nits	Anti-glare	16:9	400:1	45% NTSC	60Hz	45° / 45° / 15° / 35°

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)^[1]

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

Weight^[2]

Around 1.23 kg (2.71 lbs)

Case Color

Graphite grey

Case Material

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

Surface Treatment

Texture

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

WLAN + Bluetooth^[1]

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

Ethernet

No onboard Ethernet

Notes:

[1] Wi-Fi® operation (including Wi-Fi® 6, Wi-Fi® 6E, Wi-Fi® 7, etc.) is subject to the regulatory requirements of each country. Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

Ports^[1]

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.

Thunderbolt™ 5: 80 Gbit/s (bidirectional), up to 120 Gbit/s in bandwidth boost mode for video-intensive applications.

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™, 2.5 x 6 mm

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^[1]

None

Notes:

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

OPERATING REQUIREMENTS

Operating Environment

Temperature^[1]

- 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^[1]

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

Notes:

[1] PCC: Post Consumer Content, recycled materials from customers.

CERTIFICATIONS

Green Certifications^[1]

Green Certifications^[2]

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered^[3]
- 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 optional and only available on the models with preloaded OS. Please visit epeat.net and energystar.gov for more information.

[3] EPEAT™ is registered where applicable, please visit 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 option listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
- 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.

