OVERVIEW



1. USB-A (USB 5Gbps)	5. USB-C (USB 5Gbps), with USB PD 45-65W & DP
2. HDMI	6. USB-A (USB 5Gbps)
3. USB-C (USB 5Gbps), with USB PD 45-65W & DP	7. Headphone / microphone combo jack (3.5mm)
4. Kensington Nano Security Slot	8. Pen slot

PERFORMANCE

Processor

Processor Family

MediaTek Processor

Processor

Processor Name	Cores	Threads	Max Frequency	Processor Graphics
MediaTek Kompanio 540	Octa-core: 2x A78 + 6x A55	8	A78@2.6GHz / A55@2.0GHz	Arm Mali-G57 MC2

Operating System

Operating System

ChromeOS

Graphics

Graphics

Graphics	Type	Memory
Arm Mali-G57 MC2 GPU	Integrated	Shared

Monitor Support

Monitor Support

Supports up to 2 independent displays (native display and 1 external monitors via HDMI® or USB-C®)
• HDMI® supports up to 4K@30Hz
• USB-C® supports up to 4K@30Hz

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

Memory Type[1]

LPDDR5X-6400

Notes:

[1] Installed memory is actually LPDDR5X-8533 but runs as LPDDR5X-6400 due to platform limitation.

Storage

Max Storage Support[1]

- 64GB UFS 2.2 on systemboard
- 128GB UFS 2.2 on systemboard

Storage Slot

UFS on systemboard, no slots

Storage Type

Disk Type	Interface	Offering
Flash Memory	UFS 2.2	64GB / 128GB

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**

- Dual-microphone array
- Dual-microphone array + single microphone
- Single microphone
- Single microphone + single microphone

Camera**

- Front 5.0MP, with privacy shutter, fixed focus
- Front 5.0MP, with privacy shutter, fixed focus; Rear 5.0MP, autofocus
- Front HD 720p, with privacy shutter, fixed focus
- Front HD 720p, with privacy shutter, fixed focus; rear 5.0-megapixel, autofocus

Battery

Battery

50Wh Rechargeable Li-ion Battery, supports Rapid Charge Pro (charge up to 50% in 30min)

Max Battery Life[1]

Google power load test: 18 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]

- 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)	Key Features
11.6"	HD (1366x768)	Multi-touch	IPS[1]	250nits	Glossy, anti-fingerprint	16:9	800:1	50% NTSC	60Hz	85° / 85° / 85° / 85°	Corning® Gorilla® Glass
12.2"	WUXGA (1920x1200)	Multi-touch	IPS[2]	300nits	Glossy, anti-fingerprint	16:10	800:1	50% NTSC	60Hz	85° / 85° / 85° / 85°	Corning® Gorilla® Glass, TÜV Low Blue

											Light

Touchscreen

Direct bonding, capacitive-type multi-touch, supports 10-point touch

Notes:

[1], [2] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

Multi-mode

Multi-mode

Laptop, tent, stand, and tablet modes supported by 360° hinge

Input Device

Pen

- Lenovo® USI Pen 2 without replaceable AAAA alkaline battery, 4096 levels of pressure sensitivity, tilt function.
- No pen bundled (with a pen garage ready, purchase separately)

Keyboard

Top-load keyboard, 6-row, spill-resistant, Anti-pick proof keycaps with full skirt design, key travel 1.4mm

Keyboard Backlight

Non-backlight

Touchpad

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

Mechanical

Dimensions (WxDxH)[1]

289.7 x 212 x 20.33 mm (11.4 x 8.35 x 0.80 inches)

Weight[2]

Starting at 1.29 kg (2.85 lbs)

Case Color

Luna grey

Case Material

PC-ABS + rubber (top), PC-ABS + 15% Talc (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® 6E MT7922, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.4, M.2 card
- MediaTek Wi-Fi® 7 MT7925, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4, M.2 card

WWAN

No support

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

Standard Ports[1]

- 2x USB-A (USB 5Gbps)
- 2x USB-C® (USB 5Gbps), with USB PD 45-65W and DisplayPort™
- 1x HDMI® 1.4b
- 1x Headphone / microphone combo jack (3.5mm)

Notes:

[1] The transfer speed of the 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.

Docking

Docking

Various docking solutions supported via USB-C®.
For more compatible docking solutions, please visit Docking for Lenovo® Chrome 500e 2in1 G5 M89

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

ACCESSORIES

Bundled Accessories

Bundled Accessories[1]

None

Notes:

[1] For more compatible accessory solutions, please visit Accessories for Lenovo® Chrome 500e 2in1 G5 M89.

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]

50% PCC recycled plastic used in D cover
30% PCC recycled plastic used in keyboard keycaps and frame
90% PCC recycled plastic used in the battery and adapter enclosure pack
30% PCC recycled plastic used in speaker enclosure
Recycled aluminum keyboard bracket
Recycled steel touchpad bracket
90% recycled sustainable content in packaging

Notes:

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

CERTIFICATIONS

Green Certifications[1]

Green Certifications

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered
- ErP Lot 6/26
- RoHS compliant
- TCO Certified, generation 10

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.

Other Certifications

Mil-Spec Test

Work in progress

Other Certifications

(Optional) TÜV Rheinland® Low Blue Light (Hardware Solution)

- 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.
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