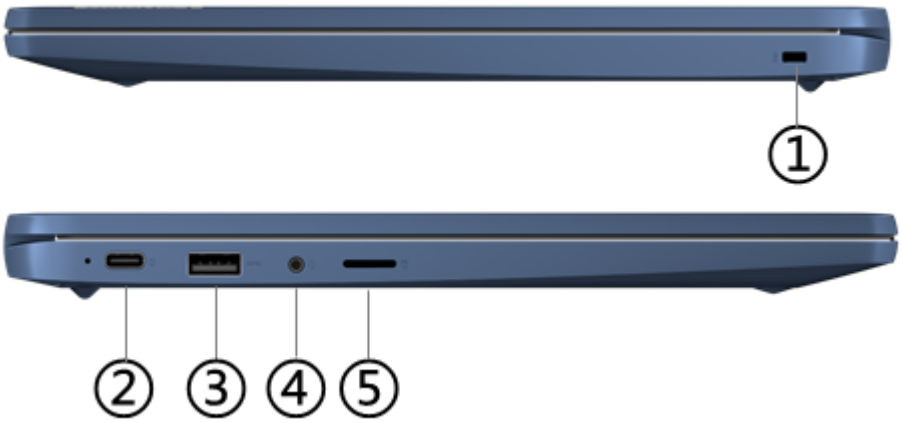
OVERVIEW



1. Kensington Nano Security Slot	4. Headphone / microphone combo jack (3.5mm)
2. USB-C 3.2 Gen 1	5. microSD card reader
3. USB 3.2 Gen 1	

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[1]

ChromeOS

Notes:

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

Graphics

Graphics

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

Monitor Support

Monitor Support

Supports up to 2 independent displays (native display and 1 external monitor via USB-C®)
• USB-C supports up to 1920x1080@60Hz

Chipset

Chipset

MediaTek SoC (System on Chip) platform

Memory

Max Memory[1]

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

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type

- LPDDR4x-3600
- LPDDR4x-3733

Notes:

1. 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]

- 64GB eMMC 5.1 on systemboard
- 128GB eMMC 5.1 on systemboard

Storage Slot

eMMC on systemboard, no slots

Storage Type

Disk Type	Interface	Offering
Flash Memory	eMMC 5.1	64GB / 128GB

Notes:

1. 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

Card Reader

microSD card reader

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

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

Microphone

Dual-microphone array

Camera

- HD 720p, with privacy shutter, fixed focus
- FHD 1080p, with privacy shutter, fixed focus

Battery

Battery

Integrated Li-Polymer 47Wh battery

Max Battery Life[1]

Google power load test: 13.5 hr

Notes:

1. All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark 2018, 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 and depends 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

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

DESIGN

Display

Display[1]

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle (L/R/U/D)
14"	HD (1366x768)	None	TN	250 nits	Anti-glare	16:9	400:1	45% NTSC	45°/45°/15°/35°
14"	FHD (1920x1080)	None	TN	250 nits	Anti-glare	16:9	400:1	45% NTSC	45°/45°/15°/35°
14"	FHD (1920x1080)	Multi-touch	IPS	300 nits	Anti-glare	16:9	1000:1	100% sRGB	89°/89°/89°/89°

Touchscreen

- Capacitive-type on-cell multi-touch, supports 10-point touch
- Non-touch

Notes:

1. 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

Chrome keyboard, 6-row, spill-resistant

Keyboard Backlight

Non-backlight

Touchpad

Buttonless Mylar® surface multi-touch touchpad, 69 x 104 mm (2.72 x 4.09 inches)

Mechanical

Dimensions (WxDxH)[1]

325.9 x 221.8 x 18.6 mm (12.83 x 8.73 x 0.73 inches)

Weight[2]

Around 1.3 kg (2.87 lbs)

Case Color

- Abyss blue
- Cloud grey

Surface Treatment

Texture painting

Case Material

PC-ABS + 15% Talc (top), PC-ABS + 15% Talc (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®[1]

Wi-Fi® 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 card

Notes:

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

Ports[1]

Standard Ports

- 1x USB 3.2 Gen 1
- 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.1a)
- 1x microSD card reader
- 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;
   USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;
   Thunderbolt™ 3/4: 40 Gbit/s

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[1]

Base Warranty

- 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
- 3-year (1-yr battery) 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[1]

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

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).

CERTIFICATIONS

Green Certifications[1]

Green Certifications[2]

- EPEAT™ Gold
- ENERGY STAR® 8.0
- ErP Lot 6/26
- RoHS compliant

Notes:

1. The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.
2. EPEAT is registered where applicable, please see https://www.epeat.net for registration status by country.

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