

OVERVIEW



| | |
|----------------------------------|---------------------|
| 1. USB 3.2 Gen 1 | 5. USB 3.2 Gen 1 |
| 2. HDMI 1.4b | 6. Combo audio jack |
| 3. Kensington Nano Security Slot | 7. Pen slot |
| 4. USB-C 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^[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^[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^[2]
- LPDDR4x-3733^[3]

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.
2. Installed memory is actually 4266MHz, but may run at 3600MHz depending on the memory support capability of processor.
3. Installed memory is actually 4266MHz, but may run at 3733MHz depending on the memory support capability of processor.

Storage

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. The system may support larger storage as the technology develops.

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
- Two single microphones

Camera

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

Sensor

Sensors

- Accelerometer (G) sensor
- Gyroscope sensor
- 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^[1]

Google power load test: 16 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^[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^[1]

| Size | Resolution | Touch | Type | Brightness | Surface | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle (L/R/U/D) | Key Features |
|-------|---------------|-------------|------|------------|--------------------------|--------------|----------------|-------------|-------------------------|-------------------------|
| 11.6" | HD (1366x768) | Multi-touch | IPS | 250 nits | Glossy, anti-fingerprint | 16:9 | 800:1 | 50% NTSC | 85°/85°/85°/85° | Corning® Gorilla® Glass |

Touchscreen

Capacitive-type multi-touch, supports 10-point touch

Notes:

- California Electronic Waste Recycling Fee
In California USA, 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, please go to <https://www.calrecycle.ca.gov/Electronics/Consumer>

Multi-mode

Multi-mode

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

Input Device

Pen

- Lenovo Integrated Pen for 300e/500e Yoga® Chromebook Gen 4, on-board garaged and rechargeable
- No pen (purchase separately)

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 1.33 kg (2.93 lbs)

Case Color

Graphite grey

Surface Treatment

Texture

Case Material

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

Others

Buttons: power key, volume key

Notes:

- The system dimensions may vary depending on configurations.
- 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]

Mediatek Wi-Fi® 6 MT7921, 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

- 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

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^[1]

Base Warranty

- 1-year courier or carry-in service
- 1-year mail-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

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

Sustainability

Material

96% recycled content in PIC cushion
30% Ocean-Bound recycled plastic in Ocean-bound plastic bag
Paper screen film is also 100% recyclable

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 Registered
- ENERGY STAR® 8.0
- ErP Lot 6/26
- TCO Certified 9.0
- 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.

Other Certifications

Mil-Spec Test

MIL-STD-810H military test passed (20 test items)

Other Certifications

ASTM F963 test passed

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