

OVERVIEW



1. Kensington Security Slot	4. Headphone / microphone combo jack (3.5mm)
2. USB-C 2.0	5. MicroSD card slot
3. USB 2.0	

PERFORMANCE

Processor

Processor Family

MediaTek Processor

Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
MediaTek MT8183	4x A53 + 4x A73	8	-	A53@2.0GHz / A73@2.0GHz	-	LPDDR4x	ARM Mali-G72 MP3 GPU

Operating System

Operating System

Google Chrome OS

Graphics

Graphics

Graphics	Type	Memory	Key Features
ARM Mali-G72 MP3 GPU	Integrated	Shared	-

Monitor Support

Monitor Support

Supports up to 2 independent displays via native display and 1 external monitor; supports external monitor via USB-C (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^[2]

LPDDR4x-1866

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 2400MHz but run at 1866MHz due to processor limitation

Storage

Storage Support

- 32GB eMMC 5.1 on systemboard
- 64GB eMMC 5.1 on systemboard
- 128GB eMMC 5.1 on systemboard

Storage Type

Disk Type	Interface	RPM	Security
Flash Memory	eMMC 5.1	-	-

Removable Storage

Optical

None

Card Reader

MicroSD card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Maxim MAX98357A Dialog DA7219 codec

Speakers

Stereo speakers, 2W x2

Microphone

Dual array microphone

Camera

720p, with camera shutter, fixed focus

Battery

Battery

Integrated Li-Polymer 42Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

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, and/or JEITA 2.0 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 AC adapter

DESIGN

Display

Display^[1]

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
14.0"	FHD (1920x1080)	Multi-touch	IPS	300 nits	Anti-glare	16:9	800:1	45% NTSC	170°	-
14.0"	FHD (1920x1080)	None	TN	220 nits	Anti-glare	16:9	400:1	45% NTSC	90°	-
14.0"	HD (1366x768)	None	TN	220 nits	Anti-glare	16:9	400:1	45% NTSC	90°	-

Touchscreen

- On-cell 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

Keyboard Backlight

Not support

Touchpad

Buttonless Mylar® surface multi-touch touchpad

Mechanical**Dimensions (WxDxH)**

336 x 221 x 18.6 mm (13.23 x 8.7 x 0.73 inches)

Weight

1.3 kg (2.87 lbs)

Case Color

- Abyss blue, dual tone design
- Arctic grey, dual tone design

Surface Treatment

Texture Painting

Case Material

PC + ABS (top), PC + ABS (bottom)

CONNECTIVITY**Network****Onboard Ethernet**

No Ethernet

WLAN + Bluetooth™

802.11ac 2x2 Wi-Fi + Bluetooth 4.2

Ports^[1]**Standard Ports^[2]**

- 1x USB-C 2.0 (support data transfer, Power Delivery 2.0 and DisplayPort™ 1.1a)
- 1x USB 2.0
- 1x microSD card slot
- 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: 40 Gbit/s;
FireWire 400: 400 Mbit/s;
FireWire 800: 800 Mbit/s
2. Depending on many factors, actual data transfer speed may be lower than theoretical speed

SECURITY & PRIVACY**Security****Security Chip**

Google Security Chip H1

Physical Locks

Kensington® Security Slot

Fingerprint Reader

No fingerprint reader

BIOS Security

Not support

Other Security

Camera privacy shutter

SERVICE

Warranty

Base Warranty

- 1-year mail-in service
- 1-year depot service
- 2-year (1-yr battery) depot service

ENVIRONMENTAL

Operating Environment

Temperature

- At altitudes up to 2438 m (8,000 ft)
 - Operating: 5°C to 35°C (41°F to 95°F)
 - Storage: 5°C to 43°C (41°F to 109°F)
- At altitudes above 2438 m (8,000 ft)
 - Maximum temperature when operating under the unpressurized condition: 31.3°C (88°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)

CERTIFICATIONS

Green Certifications

Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

