

PERFORMANCE

Processor

Processor Family

Qualcomm® Snapdragon™ Processor

Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Qualcomm Snapdragon 662	8x Kryo 260	8	-	A73@2.0GHz / A53@1.8GHz	-	LPDDR4x	Qualcomm Adreno 610 GPU

Operating System

Android 10

Graphics

Graphics	Type	Memory	Key Features
Qualcomm Adreno 610 GPU	Integrated	Shared	-

Chipset

Qualcomm SoC (System on Chip) platform

Memory

Memory Type

LPDDR4x (UFS-Based MCP, DRAM)

Storage

Storage Support

- 64GB uMCP (UFS-Based MCP, UFS 2.1) on systemboard
- 128GB uMCP (UFS-Based MCP, UFS 2.1) on systemboard
- microSD card, supports FAT32 up to 512GB, exFAT up to 1TB

Storage Type

Disk Type	Interface	RPM	Security
Flash Memory	uMCP	-	-

Removable Storage

Card Reader

- microSD card slot (WiFi model, supports FAT32 file up to 512GB, exFAT file up to 1TB)
- Nano-SIM + microSD card slot (WWAN model, supports FAT32 file up to 512GB, exFAT file up to 1TB)

Multi-Media

Speakers

4 side stereo speakers with low power DSP, Dolby® Atmos®

Notes:

- Support true stereo in both landscape and portrait orientation

Microphone

Dual array microphone with Smart Voice DSP, middle-field

Camera

Front 8.0-megapixel RGB with ToF sensor, fixed focus; and rear 13.0-megapixel RGB with 80°, auto focus, flashlight

VoiceCall

Not support

Sensor

Vibrator

Vibrator

Sensors

- Ambient light sensor (ALS)
- Gyroscope sensor
- Hall sensor
- Accelerometer (G) sensor

Battery**Battery**

Integrated Li-Polymer 7500mAh (minimum) / 7700mAh (typical) battery, supports Quick Charge 3.0 (charge up to 80% in 2 hrs)

Max Battery Life

Standby Time: Over 4 wks
 Online Video Playback Time: 12 hr
 Talk Time: 15 hrs
 Browsing Time: 12 hr
 Music playtime: 15 hr

Notes:

- All battery life claims are approximate maximum and based on results using the MobileMark® 2014 and/or MobileMark 2018 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.

Charging Time

Over 3 hr

Power Adapter

10V/2A (20W) USB-C AC adapter

DESIGN**Display****Display**

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
11.0"	2K (2000x1200)	Multi-touch	IPS	400 nits	AF (anti-fingerprint)	15:9	1500:1	70% NTSC	-	16.7M, 213 PPI, above 85% Screen-to-display Ratio

Notes:

- 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>

Touchscreen

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

Input Device**Pen**

No pen (pen needs to be purchased separately)

Mechanical**Dimensions (WxDxH)**

258.4 x 7.5 x 163 mm (10.17 x 0.29 x 6.41 inches)

Weight

Around 490 g (1.08 lbs)

Case Color

- Platinum grey
- Slate grey

Case Material

Metal + PC + GF for the back cover

Notes:

- Aluminum chassis: Backside with dual-tone finish

Buttons

- Volume button
- Power button

CONNECTIVITY

Network

WLAN + Bluetooth™

802.11 a/b/g/n/ac 1x1 Wi-Fi + Bluetooth 5.1, SISO

Notes:

- WiFi with ax features
802.11ax features: only support 8x8 stream sounding, TWT, WFA3 in Wi-Fi 6 features

WWAN

- 4G LTE
- Not Support

SIM Card

No SIM card

Cellular Bands

GSM: B2/B3/B5/B8

WCDMA: B1/B2/B5(B6/B19)/B8

FDD LTE: B1/B2/B3/B4/B5(B19)/B7/B8/B20/B28(a+b)

TDD LTE: B38/B40/B41 full band(2496MHz-2690MHz)

Carrier Aggregation Support:

CA_1A-3A, CA_1A-7A, CA_1A-8A, CA_1A-20A, CA_3C, CA_3A-3A, CA_3A-7A, CA_3A-8A, CA_3A-20A, CA_7C, CA_7A-7A, CA_7A-20A

WiFi Direct

Support

WiFi Display

Support

FM Radio

FM Radio

Ports

Standard Ports

- 1x USB-C 2.0 (support OTG, data transfer, Power Delivery, T-Hub, and USB Type-C audio devices)
- 1x Pogo pin connector (4-point)

Notes:

- Depending on many factors, actual data transfer speed may be lower than theoretical speed
- Support USB Type-C dock, USB Type-C earphone, and USB Type-C to 3.5mm audio jack cable

Optional Ports

- 1x microSD card slot (WiFi model)
- 1x Nano-SIM + microSD card slot (LTE model)

SERVICE

Warranty

Base Warranty

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

SOFTWARE

Preinstalled Software

- Squid
- Tips
- Netflix
- Office
- Google Photos
- Google Play
- Gmail
- Google
- Google Chrome
- Dolby Atmos
- Google Kids Space
- Amazon Music

CERTIFICATIONS

Green Certifications

- ENERGY STAR® 8.0
- RoHS compliant

Other Certifications

Water Proofing

IP52

Other Certifications

TÜV Low Blue Light certified

