

OVERVIEW



1. Pogo pin connector (4-point)	4. Card slot
2. Guide pins	5. Volume button
3. USB-C 2.0	6. Power button

Notes:

- Card slot is for microSD card (WLAN model) or nano-SIM + microSD card (WWAN model)

PERFORMANCE

Processor

Processor Family

Qualcomm® Snapdragon™ Processor

Processor

Processor Name	Cores	Max Frequency	Memory Support	Processor Graphics
Qualcomm Snapdragon 662	Kryo 260 Octa-core: 4x A73 + 4x A53	A73@2.0GHz / A53@1.8GHz	LPDDR4x	Qualcomm Adreno™ 610 GPU

Operating System

Operating System

Android™ 10 (Q)

Graphics

Graphics

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

Chipset

Chipset

Qualcomm SoC (System on Chip) platform

Memory

Memory Type^[1]

LPDDR4x

Notes:

1. uMCP (UFS-Based MCP, DRAM)

Storage

Storage Support

- MicroSD card, supports FAT32 file up to 256GB, exFAT file up to 1TB
- 64GB uMCP (UFS-Based MCP, UFS 2.1)
- 128GB uMCP (UFS-Based MCP, UFS 2.1)

Storage Type

Disk Type	Interface
Flash Memory	UFS 2.1

Removable Storage

Card Reader

- MicroSD card slot (WLAN model, supports FAT32 file up to 256GB, exFAT file up to 1TB)
- Nano-SIM + microSD card slot (WWAN model, supports FAT32 file up to 256GB, exFAT file up to 1TB)

Multi-Media

Speakers^[1]

4 side stereo speakers, optimized with Dolby® Atmos®

Microphone

Dual array microphone with Smart Voice DSP for middle-field voice recognition

Camera

Front 8.0-megapixel RGB with ToF sensor, fixed focus; and rear 13.0-megapixel RGB with 80°, auto focus, single LED flashlight; 2D Face recognition unlock

VoiceCall

No support

Notes:

1. Support true stereo in both landscape and portrait orientation

Sensor**Vibrator**

Vibrator

Sensors

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

Battery**Battery**

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

Max Battery Life^[1]

Standby Time: Over 4 wks

Online Video Playback Time: 12 hr

Talk Time: 15 hr

Browsing Time: 12 hr

Music playtime: 15 hr

Charging Time

Over 3 hr to fully charged

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**

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

DESIGN**Display****Display^[1]**

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

Touchscreen

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

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

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^[1]

Metal + PC + GF for the back cover

Buttons

- Volume button
- Power button

Notes:

1. Aluminum chassis: Backside with dual-tone finish

CONNECTIVITY

Network

WLAN + Bluetooth™^[1]

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

WWAN

- 4G LTE
- No 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 (Miracast)

WIFI Display

Support

FM Radio

FM Radio

Location Services

Models	Location
Wi-Fi model	GPS + GLONASS
WWAN model	GPS + GLONASS + A-GPS

Notes:

1. WiFi with ax features

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

Ports^[1]

Standard Ports^[3]

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

Optional Ports

- 1x microSD card slot (WLAN model)
- 1x Nano-SIM + microSD card slot (WWAN model)

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
3. Support USB Type-C dock, USB Type-C earphone, and USB Type-C to 3.5mm audio jack cable

SERVICE

Warranty

Base Warranty

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

ENVIRONMENTAL

Operating Environment

Temperature

Operating: 0°C (32°F) to 40°C (104°F)

Humidity

Maximum humidity: 95%, 39°C (102.2°F)

Altitude

Maximum altitude (without pressurization): 3048 m (10,000 ft)

ACCESSORIES

Bundled Accessories

Bundled Accessories

No Keyboard Pack (keyboard pack needs to be purchased separately)

SOFTWARE

Preinstalled Software

Preinstalled Software

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

CERTIFICATIONS

Green Certifications

Green Certifications

- ENERGY STAR® 8.0
- RoHS compliant

Other Certifications

Water Proofing

IP52

Other Certifications

TUV Low Blue Light certified

