

SL87

Data Specifications

GNSS¹

Signal Tracking

BDS: B1I, B2I, B3I, B1C, B2a, B2b
GPS: L1C/A, L1C, L2P (Y), L2C, L5
GLONASS: L1, L2
Galileo: E1, E5a, E5b, E6*
QZSS: L1, L2, L5, L6*
SBAS: L1, L5

RTK

1cm HRMS

SBAS

< 1m HRMS

PPP

20cm HRMS

No. of Channels

1408

Configuration

OS & Processor

Android 13.0, 2.7 GHz, octa-core high-speed CPU

Storage

6 GB RAM + 128 GB ROM, support 1TB SD card

Display

8-inch display, touchable screen

Resolution

1920×1200, 450 nit, readable under the sun

Camera

16M pixels rear camera, 8M pixels front camera, autofocus, dual highlight LED flash

Built-in Sensor

L-sensor (Compatible Design), G-sensor, Gyroscope, E-compass

Communications

USB

USB 3.1, Type-C, OTG function

SIM

Support, dual Nano SIM

Network 5G modem

5G: FR1 N1/3/20/28/41/77/78/79

FDD: B1/2/3/4/5/7/8/20/28

TDD: B38/39/40/41

3G: B1/B2/B5/B8

GSM: B2/B3/B5/B8

Wi-Fi

IEEE 802.11 a/b/g/n/ac/e/i/r (Dual Band 2.4 & 5 GHz)

Bluetooth

Bluetooth 5.0, BLE

NFC

Support NFC function

Battery²

Capacity

3.8 V 8200 mAh, Removable Battery

Battery life

≥ 8 h

Charging time

≤5 h, PD2.0 fast charging protocol

Physical

Size

236 mm × 142 mm × 14 mm

Weight

636 g (with battery)

Shock

1.2 m fall onto concrete

Dustproof & Waterproof

IP67

Humidity

0% - 95% RH (without condensation)

Temperature

Working: -20 °C ~ +60 °C

Storage: -40 °C ~ +70 °C

*Description and Specifications are subject to change without notice

[1]SBAS and RTK accuracy are based on full GNSS constellations (GPS, Glonass, Galileo and BDS) availability, under clear unobstructed environment, multipath-free, standard satellite geometry and atmospheric conditions. GALILEO E6, QZSS L6 can be provided by firmware upgrade. (Optional high-precision GNSS module required.)

[2]The battery operating time is related to the operating environment, operating temperature and battery life.

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Rugged Tablet



Optional module

