SATLAB GEOSOLUTIONS

SL87

Rugged Tablet



Made by Sweden

SL87

Data Specifications

GNSS[1]

Signal Tracking	BDS: B1I, B2a GPS: L1, L5 Galileo: E1, E5a QZSS: L1, L5
Single point positioning	RMS ≤1.5m
Horizontal	≤ 5cm + 1ppm
Protocol	RTCM3.x
Update rate	Up to 1Hz

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 funtion

Battery[2]

Capacity	3.8 V 8200 mAh, Removable Battery
Bettery 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	IP68
Humidity	0% - 95% RH (without condensation)
Temperature	Working: −20℃ ~ +60℃ Storage: −40℃ ~ +70℃

*Description and Specifications are subject to change without notice.
[1]External high precision module with 1408 channels is optional.
[2]The battery operating time is related to the operating environment, operating temperature and battery life.

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