

KEY FEATURES

- 184-channel u-blox F9 Engine
- RTK 10 mm + 1 ppm CEP
- Qualcomm® Snapdragon SDM632, 8 x 1.8GHz
- Android 10 GMS
- 8" IPS HD 800*1200 500 Nits
- Bluetooth® 4.2



- RECEIVER

Satellite signals tracked	GPS: L1C/A L2C GLONASS: L1OF L2OF BDS: B1I B2I Galileo: E1B/C E5b QZSS: L1C/A L1S L2C SBAS: L1C/A
Channels	184-channel u-blox F9 Engine
Position Rate	RTK up to 20 Hz ¹
Protocol	RTCM 3.2
Signal Reacquisition	2 s
RTK Signal Initialization	10 S
Colde Starts	24 S

- Positioning

STATIC SURVEYING	
Horizontal	1 m + 1PPM CEP
Vertical	1 m + 1PPM CEP
RTK Positional 2	RTK 0.6 m + 1 ppm CEP
RTK Positional 2	RTK 10 mm + 1 ppm CEP

- System

Processor	Qualcomm® Snapdragon SDM632, 8 x 1.8GHz 4*A73 + 4*A53 1.8GHz
Operatoin System	Android 10 GMS
RAM	4GB
Flash Memory	64GB
External Storage	1 x Micro SD Support Max:128G

- Display

Display	8" IPS HD 800*1200 500 Nits IPS Display Panel Coming® Gorilla® Glass 3 Capacitive, 10-Point Touchscreen, Glove/Wet Finger Supported
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- Camera

Rear	13M Autofocus with Flash Light
Front	5M

- Standard Accessories

Bag/Protected Case/Stand/Vehicle Mount/Vehicle Charge/Battery Charger/Hand strap/Stylus/Antenna

- Optional Spec

Qualcomm® Snapdragon SM4350, 2*Kryo 460 Gold(A76) 2.0GHz + 6*Kryo 460 Silver(A55) 1.8GHz
Android 12 GMS Certificate
6GB DDR4 8GB DDR4 Optional
128GB eMMC
1920*1200
5G NR: N1/N3/N28/N41/N78/N79
BT5.1

- Internal Modem

Network	2G/3G/4G GSM: 850/900/1800/1900 EVDO: BC0 WCDMA: B1/B2/B5/B8 TD-SCDMA: B34/B39 TDD-LTE: B38/B39/B40/B41 FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B17/B20/B28 2 * Nano SIM & Dual Standby
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- Internal sensor

Accelerometer	Yes
Barometer	Yes
Gyro Sensor	Yes
Light Sensor	Yes
Fingerprint Sensor	Yes
Geomagnetic Sensor	Yes
Hall Sensor	Yes

- Communication

I/O Connectonrs	USB Type-C Support OTG port Connector For Extenral Antenna
Bluetooth	Bluetooth® 4.2
Wi-Fi	Wi-Fi 802.11 a/b/g/n/ac, 2.4GHz/5GHz
NFC	NFC Built-in: Frequency 13.56Mhz 0-3

- Power Supply

Battery	8000mAh Rechargeable and Replaceable Lithium-ion Battery
Working Time	Up to 15 hours
Approval	UN38.3 MSDS IEC 62133 3.8V - 8000mAh

- Physical Specification

Dimensions	8" 235 x 145 x 15mm (9.3 x 5.7 x 0.6 inch)
Weight	750g(25.4oz)
Operation Temperature	Operation Temperature: -30°C~60°C(-22°F~140 °F)
Storage Temperature	Operation Temperature: -20°C~60°C(-4°F~140 °F)
Waterproof/Dustproof	IP67
Shock Resistance	1.2M (3.9 ft) Drop MIL-STD-810G

-Warranty

FCC, CE, ISED, RCM, UKCA, KC, PTCRB, GCF
1 Year Warranty