



**Rocket Science
Technologies**



Picture for reference only, subject to actual product.

Rakshak Tab

RUGGED ANDROID TABLET

Data Sheet - v1.1 - 2026

Rugged Industrial Android Tablet

IP65 waterproof and dustproof, MIL-STD 810G shock and drop resistant, rugged Android tablet to withstand the rigours of harsh environments.



MIL-STD 810G



CCC Certification



FCC Certification



IP65 Standard



CE Certification



Built-in High Definition Camera

The rear 13 MP camera and LED flash can instantly capture photos, videos, and documents. The camera is suitable for selfies or video communication.



Fingerprint Recognition

The Rakshak Tab supports fingerprint recognition module, with high resolution, high anti-counterfeiting, and sensitive recognition.



Long Lasting Battery

The Rakshak rugged Android tab is equipped with an 8000 mAH Lithium-polymer (Li-Po) battery for excellent endurance, and long-lasting operation for the device.



Technical Specifications

Product Form	10.1 inch Rugged Tablet
Material	PC+ABS+TPU
Dimension	275.7*187.5*24.5 mm
Weight	1000g
Product Color	Black , batch color optional
CPU	MT6789 2*A76 2.2GHz, 6*A55 2.0GHz
GPU	ARM G57 MC2
Memory Storage	RAM 8GB LPDDR4
Operating System	Android 12 GMS
Display	Type: IPS Size: 10.1 inch 16:10 Resolution: 800*1280 Brightness: 700cd/m ²
Touch Panel	10 points capacitive screen, G+G, hardness 6H, anti-scratch
Camera	Front 5.0MP Rear 13.0MP
Buttons	Power *1 Volume Adjustment Key (+) *1 Volume Adjustment Key (-) *1 F Customizable *1 (Barcode Scanning)
Speaker	8Ω/1W Waterproof BOX Speaker *1
Microphone	Sensitivity: -42db, Output Impedance 2.2kΩ
Sensors	G-Sensor, Geomagnetic sensor (compass), Gyro Sensor
Battery (Tablet)	Built-in Li-polymer (Li-Po) Battery 8000mAh/3.7V 9 hours (50% volume sounds, 50% brightness, 1080P HD video display by default)

WiFi	WiFi 802.11 b/g/n/a/ac, 2.4GHz + 5GHz dual-band WiFi
Bluetooth	Bluetooth BT5.2 (BLE) class1 Transmission distance: 10m
2G/3G/4G	GSM: 2+3+5+8 WCDMA: 1+2+5+8 TDD: 38+39+40+41N (2535mhz~2655mhz) FDD: 1+2+3+4+5+7+8+17+20+28a+28b
GPS	Support: GPS + Glonass Capture Sensitivity: -140 dBm Cold Start Time: <50 seconds, Hot start time: <5 seconds GPS Frequency: 1575.42MHz, Glonass Frequency: 1602MHZ, Frequency for Beidou: B1 1.561GHz
I/O Interface	Standard USB 2.0 *1, Type C *1 (Data & Charing)
	ϕ3.5mm Standard earjack *1
	SIM card *1
	TF card *1, Max: 512GB
	DC 5V 3A ϕ3.5mm jack *1
	12PIN Pogo Pin *1
Adapter	AC100V ~ 240V 50Hz/60Hz Output DC 5V 3A
Type-C Cable	Type-C Cable
Rugged Features	Working temperature: -20 °C to 60 °C
	Storage temperature: -30 °C to 70 °C
	Humidity: 95% Non-Condensing
Compliance	IP 65 and MIL-STD-810G

* Product information is subject to change without prior notice.

* All images are for reference purposes only. Actual products may vary.