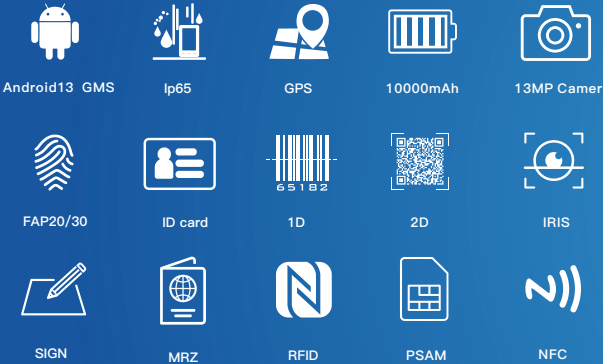


Biometric Rugged Tablet

RG80-SM93



Functions

- We passed the certification of the android 13 GMS and ensure various services and software to be able to use Google.
- Have the ability to complete rapid fingerprint capture with optical FAP20/FAP30 fingerprint sensor.
- 10000mAh battery, 12-15 hours of machine endurance.
- IP65 high protection level, in accordance with MIL-STD-810G.
- Support GPS, Glonass, more accurate positioning.
- Rear 13 million pixel camera, easy to collect images and video information.
- Built in NFC, 1D/2D, MRZ, IRIS, IC CARD and other functional modules to meet the application needs of multiple industries.

Physical Characteristics



- | | | | |
|-----------------------|----------------------|--------------------|---------------------|
| 1. Fingerprint | 7. Flash Light | 13. USB Port | 19. PSAM Card Slots |
| 2. NFC | 8. Speaker | 14. DC Power Port | 20. Lan Port |
| 3. Barcode Scanner | 9. Front Camera | 15. Type-C Port | 21. IC Card Slot |
| 4. Power Button | 10. Light Perception | 16. SIM Card Slots | 22. Wrist Clasp |
| 5. Volume up and down | 11. MIC | 17. TF Card Slot | |
| 6. Rear Camera | 12. LED Light | 18. Headphone Jack | |

Specification Parameter

Basic parameters	
Dimension	263 x 160 x 30mm
Weight	device unit 900g
Device Color	black
LCD	8 inch IPS 16:10, 800x1280
Touch Panel	5 point G+FF capacitive touch screen
Camera	Front 5.0MP Rear 13.0MP (Optional Rear 16.0MP)
I/O	USB 2.0 Type-A x 1, USB Type-C (support OTG) x 1, SIM Card x 2, TF Card x 1, Φ3.5mm DC jack x 1 Φ3.5mm standard earphone jack x 1 (Optional), RJ45 Lan x 1(Optional), IC card Reader x 1 (Optional), PSAM Card x 2 (Optional)
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 12V/1.5A

Data Collection	
NFC	Built-in
1D/2D	Laser 1D & 2D Barcode Scanner (NLS-N1) (Optional)
Fingerprint	MIAXIS SM-93M Suprema BM-Slim3 Suprema BM-Slim2 IB Columbo Futronic FS81 Optical FAP20/30 Fingerprint Sensor FBI PIV/ FIPS201 and FBI Mobile ID FAP20/30 Certified 500 PPI Resolution Live Fingerprint Detection.
Smart Card Reader	Supports ISO 7816 – Class A, B and C (Optional)
Contactless Card Reader	13.56MHz NFC, ISO14443 Type A/B, Mifare, ISO18092 compliant (Optional)
PSAM Card	YES (Optional)
IRIS	YES (Optional)
MRZ	YES (Optional)

Performance parameter	
Platform	MTK6761 Quad core 2.0Ghz (Optional MTK6765 Octa 2.2Ghz)
OS	Android 13 (Optional Android 10) Passed Google certificated
Memory	4GB+64GB; 6GB+128GB; 8GB+256GB (Optional)
Extend Memory	T-flash Card (256G extend)
FOTA	YES

Battery	
Capacity	3.7V/10000mAh
Type	Built in polymer lithium ion battery
Endurance	14hrs (50% volume sounds, 50% brightness, 1080P HD video display by default)

Communication	
WIFI	WiFi 802.11 b/g/n/ac
Bluetooth	BT5.0
3G/4G (Optional)	CMCC 4M: LTE B1/B3/B5/B7/B8/B20/B38/B39/B40/B41 WCDMA B1/B2/B5/B8 GSM B2/B3/B5/B8
GNSS	Built-in Glonass, Beidou, GPS (Two out of three)

Reliability	
Operate Temperature	-20 °C ~ 55 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.

