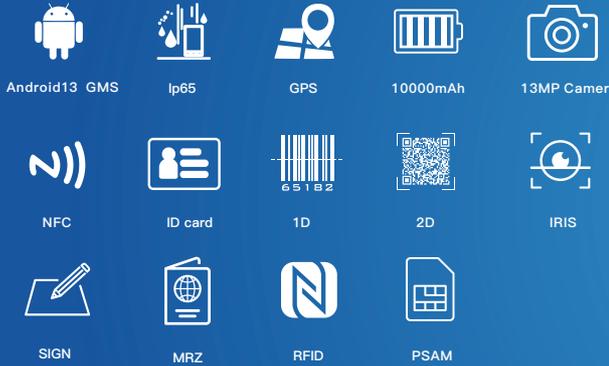


# Biometric Rugged Tablet

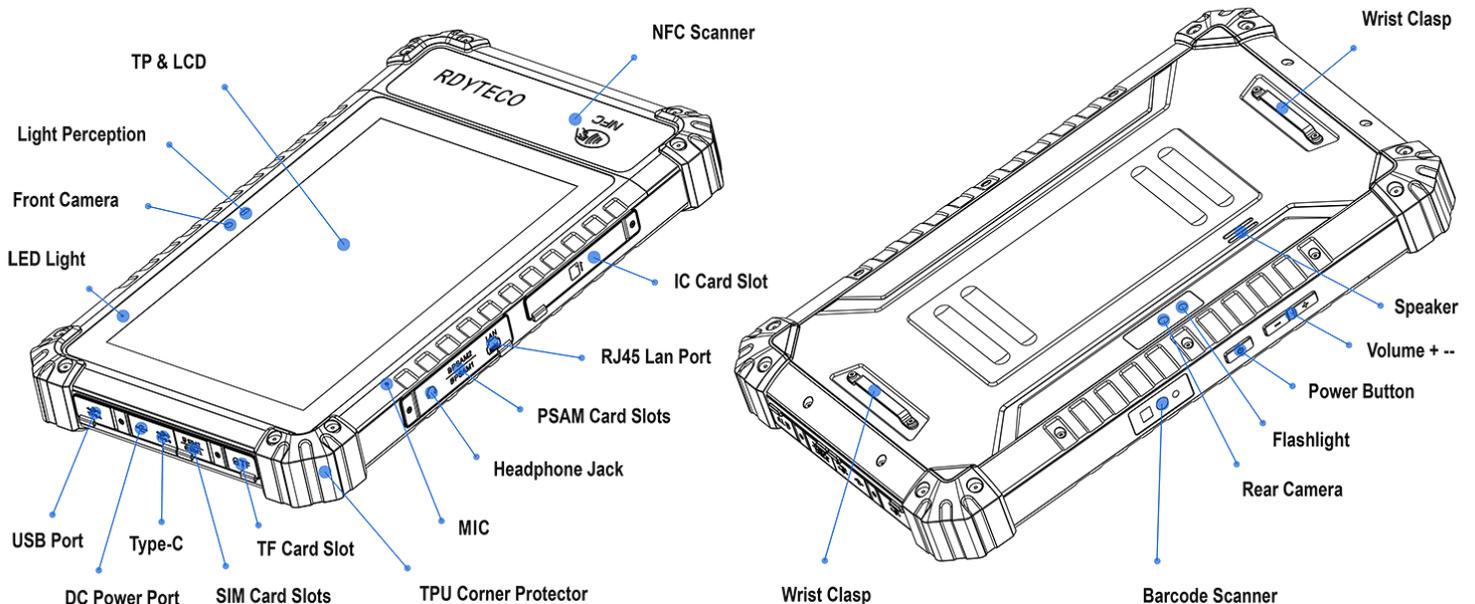
## RG80-N1



### Functions

- We passed the certification of the android 13 GMS and ensure various services and software to be able to use Google.
- 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



# 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 (Optional)	Suprema BM-Slim3 Suprema BM-Slim2 Futronic FS81 IB Columbo MIAXIS SM-93 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.

