

SPECIFICATION

Model: RK80

Hardware		Communications & Networking	
CPU	ARM Cortex A73 octa-core (2.0GHz)	Phone Call	GSM /WCDMA/CDMA 1X/VoLTE
GPU	ARM Mali-G72 MP3	2G	GSM/CDMA 1X/EDGE/GPRS/WAP
RAM	8G	2G Band	GSM(B2/3/5/8)
Internal Memory	128G	3G	WCDMA 3.75G(HSDPA+ 42.2Mbps, HSUPA+ 11.5Mbps), EVDO
External Memory	Micro SD card(T-FLASH card), max 256GB	3G Band	WCDMA(B1/2/5/8), Evdo: BC0/BC1 CDMA: BC0/BC1
Sub Camera	5.0MP	4G	FDD: 150Mbps down, 50Mbps UP TDD: 150Mbps downlink, 50Mbps uplink
Battery	No built-in battery/external power supply	4G Band	TD-LTE(B38/39/40/41); FDD LTE(B1/2/3/4/5/7/8/12/17/20/28)
Display	8 inch IPS/AFFS 1200*1920 FHD industrial 1000nit Sunlight Readable	WI-FI	Dual-band WIFI(2.4GHz/5Ghz)single stream 802.11 a/b/g/n/ac
Touch Panel	Capacitive/frosted tempered film supports glove touch/spray/active capacitive pen	Bluetooth	5.0 Low Energy (LE)
IO/Sensor/Navigation		Industrial & Reliability Design	
SIM Card	Nano sim card*2	Shake-proof	1-19Hz/1.0mm; 19-200Hz/1.0g
TF Card	Micro SD card(T-FLASH card); max 256GB	Dropproof /IK	MIL-STD-810G/Method516.6/Procedure IV & Touch Panel IK05
Headphone	3.5mm(CTIA)	Waterproof	Class 5 (IEC 60529)
Data interface	USB Type-A(Host)*2 , Type-C*1	Dustproof	Class 6 (IEC 60529)
Gravity sensor	support	Reliability	MTBF>5000h; MTTR<0.5h
Motion sensor	support	Operating temperature	-20°C to 70°C
Direction Sensor	support	Storage Temperature	-40°C to 80°C
Magnetic Field Sensor	support	RH	5% to 95%
Gyro sensor	support	Operating Altitude	Max: 4,500 m (15,000 feet)
Rotation Vector	support	Certification/OS/Software	
Light-sensor	support	Certification	3C/FCC/CE/ROHS/IP65 (IEC 60529)
Acceleration sensor	support	Language	English, Spanish, Portuguese(Brazil), Portuguese(Portugal), Italian, German, French, Polish, Romanian, Turkish, Russian, Arabic, Indonesian, Malay, Thai, Vietnamese, Hebrew, Simplified, Chinese, Chinese Traditional, etc
Body sensing	4G microwave radar sensor		
Charger	DC 9~24V input, 3A 27W	OS	Android 11/13 (Continuous updates)
Navigation	GPS+Beidou+Glonass+AGPS+SBAS (EPO 2.5m)	Package/Warranty terms	
Appearance		Warranty	24 months
Size	240*141*34mm (LxWxH)		
Weight	750g		

Color & Material Black (ABS+PC+Metal)

Package

Type-C Cable / Power adapter DC 12V /Quick Start guide / Screen protector / Ejector

FUNCTION MODULES

NFC

Protocol standard ISO14443A/B, ISO15693, NFC

Label standard M1(S50, S70), CPU, NFC

Read-write distance 2-5cm



SIM Card

