

# SPECIFICATION

Model: RK101

Hardware		Communications & Networking	
<b>CPU</b>	ARM Cortex A73 octa-core (2.0GHz )	<b>Phone Call</b>	GSM /WCDMA/CDMA 1X/VoLTE
<b>GPU</b>	ARM Mali-G72 MP3	<b>2G</b>	GSM/CDMA 1X/EDGE/GPRS/WAP
<b>RAM</b>	8G	<b>2G Band</b>	GSM(B2/3/5/8)
<b>Internal Memory</b>	128G	<b>3G</b>	WCDMA 3.75G(HSDPA+ 42.2Mbps, HSUPA+ 11.5Mbps), EVDO
<b>External Memory</b>	Micro SD card(T-FLASH card), max 256GB	<b>3G Band</b>	WCDMA(B1/2/5/8), Evdo: BC0/BC1 CDMA: BC0/BC1
<b>Sub Camera</b>	5.0MP	<b>4G</b>	FDD: 150Mbps down, 50Mbps UP TDD: 150Mbps downlink, 50Mbps uplink
<b>Battery</b>	No built-in battery/external power supply	<b>4G Band</b>	TD-LTE(B38/39/40/41); FDD LTE(B1/2/3/4/5/7/8/12/17/20/28)
<b>Display</b>	10.1 inch IPS/AFFS 1200*1920 FHD industrial 1000nit Sunlight Readable	<b>WI-FI</b>	Dual-band WIFI(2.4GHz/5Ghz)single stream 802.11 a/b/g/n/ac
<b>Touch Panel</b>	Capacitive/frosted tempered film supports glove touch/spray/active capacitive pen	<b>Bluetooth</b>	5.0 Low Energy (LE)
IO/Sensor/Navigation		Industrial & Reliability Design	
<b>SIM Card</b>	Nano sim card*2	<b>Shake-proof</b>	1-19Hz/1.0mm; 19-200Hz/1.0g
<b>TF Card</b>	Micro SD card(T-FLASH card); max 256GB	<b>Dropproof /IK</b>	MIL-STD-810G/Method516.6/Procedure IV & Touch Panel IK05
<b>Headphone</b>	3.5mm(CTIA)	<b>Waterproof</b>	Class 5 ( IEC 60529 )
<b>Data interface</b>	USB Type-A(Host)*2 , Type-C*1	<b>Dustproof</b>	Class 6 ( IEC 60529 )
<b>Gravity sensor</b>	support	<b>Reliability</b>	MTBF>5000h; MTTR<0.5h
<b>Motion sensor</b>	support	<b>Operating temperature</b>	-20°C to 70°C
<b>Direction Sensor</b>	support	<b>Storage Temperature</b>	-40°C to 80°C
<b>Magnetic Field Sensor</b>	support	<b>RH</b>	5% to 95%
<b>Gyro sensor</b>	support	<b>Operating Altitude</b>	Max: 4,500 m ( 15,000 feet )
<b>Rotation Vector</b>	support	Certification/OS/Software	
<b>Light-sensor</b>	support	<b>Certification</b>	3C/FCC/CE/ROHS/IP65 (IEC 60529)
<b>Acceleration sensor</b>	support	<b>Language</b>	English, Spanish, Portuguese(Brazil), Portuguese(Portugal), Italian, German, French, Polish, Romanian, Turkish, Russian, Arabic, Indonesian, Malay, Thai, Vietnamese, Hebrew, Simplified, Chinese, Chinese Traditional, etc
<b>Body sensing</b>	4G microwave radar sensor		
<b>Charger</b>	DC 9~24V input, 3A 27W	<b>OS</b>	Android 11/13 (Continuous updates)
<b>Navigation</b>	GPS+Beidou+Glonass+AGPS+SBAS (EPO 2.5m)	Package/Warranty terms	
Appearance		<b>Warranty</b>	24 months
<b>Size</b>	300*166*34mm (L×W×H)		
<b>Weight</b>	880g		

**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

