

## Product Specs

Standard Function	
<b>Operating System</b>	Android 9.0
<b>CPU</b>	MSM8953, 8 core CPU, 2GHz
<b>RAM</b>	RAM: 4GB FLASH: 64GB
<b>Extended Storage</b>	Micro SD, Maximum 256G
<b>USB port</b>	Type-C USB port; Support to connect U-disk/Mouse/Keyboard/OTG line
<b>HDMI</b>	HDMI port
<b>OTG</b>	Through OTG can meet 100M network port, network card setup, PPPoE dial-up, web browsing. Support OTG extend RS232 serial port/485 serial port/RJ45 Serial port
<b>External port</b>	Charge port, headphone port
Protection Grade	
<b>Industrial Protection Grade</b>	IP67
<b>Drop Grade</b>	Drop resistance from 1.2m
Wireless Communication	
<b>Bluetooth</b>	Support 4.2
<b>GPS</b>	GPS+BDS +GLONASS Support high precise GPS module (Ublox M8N/M8P,accuracy is 0.5 -3M)

2G/3G/4G LTE	<p><b>China/India:</b>  LTE FDD:B1/B3/B5/B5  LTE TDD:B34/B38/B39/B40/B41  WCDMA:B1/B8  TD-SCDMA:B34/B39  EVDO/CDMA:BC0  GSM:900/1800MHZ</p> <p><b>Europe/Africa:</b>  LTE FDD:B1/B3/B5/B7/B8/B20/B28A  LTE TDD:B38/B40/B41  WCDMA:B1/B2/B5/B8  GSM:850/900/1800/1900MHZ</p> <p><b>America:</b>  LTE FDD:B2/B4/B5/B7/B8/B12/B13/B14/B25/B26  LTE TDD:B41  WCDMA:B1/B2/B4/B8  GSM:850/1900MHZ</p>
<b>Physical Parameters</b>	
<b>Display Screen</b>	7 inch LCD screen, 1920*1200IPS brightness standard, capacitive touch screen
<b>Keyboard</b>	Android menu, Homepage, Return, Volume, Barcode, ON/OFF, Reset
<b>Camera</b>	5 million pixels front camera, 13 million pixels rear camera with automatic focus and lighting function
<b>Headset</b>	3.5mm audio Interface, has MIC and Single loudspeaker
<b>LED indicator light</b>	Support (ordinary flicker, Call fast flicker, missed calls, charge indicator)
<b>Flashlight Function</b>	Support, can be used for emergency lighting
<b>Googleplay store</b>	Support
<b>Gravity sensor</b>	Support
<b>Compass</b>	Support
<b>Gyroscopes</b>	NOT Support
<b>Acceleration sensors</b>	Support
<b>Light and distance sensor</b>	Support
<b>Vibrating motor</b>	Support
<b>FM</b>	Support

<b>Rechargeable Lithium Battery</b>	3.8V, 10000mAh temperature wide battery
<b>Dimension</b>	232*158*22
<b>Weight</b>	810g
<b>Environmental Characteristics</b>	
<b>Working Temperature</b>	-20! ~ +55!
<b>Storage Temperature</b>	-40! ~ +70!
<b>Humidity</b>	5%-95% relative humidity; no condensation
<b>Optional Function</b>	
<b>Barcode Scanning</b>	<p><b>1D Laser Scanner Index (Internal):</b>  Honeywell N4313 or Zebra EM1350  Scanning speed: 104 times/second+12 times/second (two-way scanning)  Scanning distance: 2.5cm-114.3cm  Scanning angle: 47±3;(default) /35±3;(reduced code)</p> <p><b>2D Barcode Scanner Index (Internal):</b>  Newlands EM3096 Honeywell N3680 Motorola SE4750 Honeywell N6603  Identification ability: 1D, 2D, OCR  Scanning angle: rotate 360i, incline±50i, deflection ±50i; Field of View:  Horizontal 36i, vertical 23i  Depth of field: 4cm-23.5cm  Environmental luminance: 0~100,000 LUX</p>
<b>RFID</b>	<p><b>HF RFID (Internal):</b>  Support NFC/NXP,13.56MHZ ISO14443A,B and ISO15693 protocol, reading distance 0-3cm,Tag support type:SR176,SRIX4K T• YPE-B ,I,-Code2,TI RFID Tag -it HF-I,EM4034,Mifare Classic ETC</p> <p><b>LF RFID:</b> 134.2KHZ LF RFID, support ISO11784/5 protocol, support to read IC card(FDX/HDX), 125KHZ LF RFID, support to read ID card</p> <p><b>UHF RFID:</b> Internal, Ray links RLM060 or ThingMagic M6E-NANO,EPC C1 GEN2/ISO 18000-6C,output power 10dBm-30dBm, Reading distance: 1 m, Ceramic antenna: 0.3db (25*25*4 mm)</p>
<b>Far infrared meter reading</b>	Working frequency 37.9K
<b>Fingerprint read module</b>	Supports fingerprint entry, image collection, fingerprint recognition, fingerprint deletion etc. Type: TCSIST Sensor type: capacitive Effective image size:12.8mm x 18.0mm Image size: 256*360 Resolution:508 ppi (dpi) Contrast mode(1:1); search mode(1:N) FIPS 201 compliant capability (TCS1)