

## RT52 Specification



### Physical parameter

<b>Dimension</b>	160.0 x 84.0 x 17.5 mm
<b>Weight</b>	287g(including battery)
<b>Keypad</b>	1 Power key, 1 scan key, 2 volume key, 1 custom key
<b>Battery</b>	5100mAh rechargeable lithium polymer battery
	Stand by time>300h
	Working time>12h (Depend on actual status and internet)
	Charging time: 4h
<b>Loudspeaker</b>	Support
<b>Vibrator</b>	Support
<b>Microphone</b>	2 mic, one for speaking, one for denoise
<b>Display</b>	5.5inch(18:9) High Resolution IPS LTPS 1280*720
<b>Camera</b>	13MP camera
<b>Touch Screen</b>	Corning Gorilla Glass(High durability)
<b>Sensor</b>	G-sensor, Range sensor, Light sensor, Vibrator
<b>Indicator</b>	Power, charging, status indicator
<b>Card slot</b>	2 SIM card slot
<b>charging</b>	Type-C
<b>Structure</b>	Bi-color injection molding

### Performance parameter

<b>CPU</b>	Octa-core ARM@CORTEX A53 MPcore 2.0 GHz
<b>RAM+ROM</b>	4GB+64GB

### Development environment

<b>O.S.</b>	Android 9.0
<b>SDK</b>	Qunsuo terminal development tool
<b>P-Language</b>	Java
<b>Development tool</b>	Eclipse/Android Studio

### Operating environment

<b>Working temp.</b>	-20 ℃~+50 ℃
<b>Storage temp.</b>	-40 ℃~+70 ℃
<b>Humidity</b>	5%RH~95%RH (Non-condensing)
<b>Drop test</b>	Within operating range, 6 sides withstand 1.5 meter drop test
<b>ESD protection</b>	±15 KV air discharge, ±8 KV contact discharge
<b>Rolling test</b>	Rolling up to 1000 times 0.25 meters, 6 surface contact surfaces still running steadily after rolling, reaching IEC rolling standard
<b>IP level</b>	IP67(Meet IEC sealing standard)

### Data communication

<b>WLAN</b>	2.4G/5G dual-band, Support 802.11 a/b/g/n/ac,IPV4,IPV6;
<b>WWAN</b>	2G: 850/900/1800/1900MHz
	3G: CDMA EVDO: BC0
	WCDMA: 850/900/1900/2100MHz
	4G: B1/B3/B5/B7/B8/B20/B38/B39/B40/B41
<b>Vo-LTE</b>	Support Vo-LTE HD voice video call
<b>Bluetooth</b>	BT 5.0
<b>GNSS</b>	Support GPS/Beidou/Glonass/AGPS

### Barcode scanner (optional)

<b>Scanner engine</b>	Zebra SE4710
<b>Scan pixels</b>	1280*800
<b>Decoding type</b>	QR Code, Data Matrix, PDF417, Han letter code in line with international and domestic generic 1D code standards: UPC-A, UPC-E, EAN-8, EAN-13, ISBN, Code 128, GS1 128, IS BT 128, Code39, Code93, Code11, Interleaved 2 of 5, Industrial 2 of 5, Matrix25, Standard25, Code bar MSI/MSIPLESSEY, GS1 Data Bar, DPM, etc.

### NFC/RFID

<b>Working frequency</b>	13.56MHZ
<b>Communication</b>	ISO14443A/B,ISO15693,NFC-IP1,NFC-IP2 and etc.
<b>NFC standard</b>	M1(S50,S70), CPU card, NFC tag and etc.

