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Product Specification

Model No.BT-R80

REMARK

Product Pictures



Product Appearance

Type	Details	Standard Configuration	Optional
Product Form	Product Form	rugged tablet PC	
	Dimension	230*138*17mm	
	Weight	tablet XXXXg , with standard accessories XXXXg	
	Product Color	black+grey/black+red	Optional
LCD	Screen Size	8 inch 16:10	
	Resolution	1920*1200 IPS screen	
	Brightness	450Nits	
TP	Touch panel	5 points capacity TP , G+FF , hardness over than 7H, scratch resistant , TP thickness : 1.1mm , COF	
Camera	Front	5.0MP	8.0MP Optional
	Rear	13.0MP, auto focus and flash light	16.0MP Optional
Speaker	Built-in	Built-in 8Ω/2W waterproof speaker x 1	
Microphone	Built-in	Sensitivity: -43db, output impedance 2.2kΩ	
Battery(tablet)	Type	Built-in Li-polymer battery	
	Capacity	3.7V/7500mAh	
	Endurance	nearly 10 hours (50% volume sounds, Max lumens brightness, 1080P HD video display by default)	

System Hardware Configuration

Type	Details	Descriptions	Optional
CPU	Type	MTK 6762 Octa Core	
	Speed	2.0GHZ	
GPU	type	ARM @ Cortex-A53	
RAM	LPDDR3	4GB	
ROM	Emmc	64GB	
Indicator light	Built-in	indicator light: red light flashing when low power, red light always on when power more than 20% ,green light always on when fully charged	
L-Sensor	Built-in	Light-Sensor	+us2
M-Sensor	Built-in	M-Sensor (compass)	+us5.5
Gyroscope	Built-in	gyroscope	+us3.5
G_sensor	Built-in	G_sensor	
P_sensor	Built-in	Proximity sensor	
Thermometer	Built-in	Thermometer	+us3.5
Barometer	Built-in	Barometer	+us3.5
Fingerprint	Built-in	support (Front)	+us4.5

Internet Connections

Type	Details	Descriptions	Optional
WIFI	WIFI module	WIFI 802.11(a/b/g/n) frequency 2.4G+5.8G dual-frequency WIFI,Transmission distance: >20m	
Bluetooth	Built-in	BT4.0 (BLE) class1.5 Transmission distance : 10m	
2G/3G/4G	Built-in	GSM quad-frequency & WCDMA quad-frequency & TD-S (B34、B39) &EVDO & TDD (B38、B39、B40、B41) & FDD (B1、B2、B3、B4、B5、B7、B8、B17、B20)	
Navigation	Built-in	MT6625L 4 in 1 support chip set, GPS、BeiDou、Glonass	GPS、BeiDou、Glonass: select two in three
NFC	Built-in	support,NXP NFC	support ISO/IEC 14443A protocol, identification distance : 2-4cm

Data Collection

Type	Details	Descriptions	Optional
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Two-dimension barcode	Optional	NA	Honeywell N6603 Hard decode	
			Optical resolution:5mil	
			Scan speed:50 times per second	
			Code system: PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse Maxicode, QR Code, MicroQR, QR Inverse, Aztec, Aztec Inverse, Han Xin, Han	
			NA	
Infrared meter reading	Optional	support, back clamp	NA	
thermal imaging	Optional	support, back clamp	NA	
RFID	Optional	support, include 13.56M,900M,2.4G RFID	NA	
laser ranging	Optional	support, back clamp	NA	
infrared thermometer	Optional	support, back clamp	NA	
I/O Ports				
Type	Details	Descriptions	Optional	
TF Card	Extending external storage	support TF x1 pc, max : 128GB	NA	
USB port	Extending external storage and data exchange	Type-C USB *1 (Host)	NA	
Earphone Jack	audio output	ø3.5mm standard earphone jack x1	NA	
DC jack	power	DC 5V 3A ø3.5mm DC jack x1	NA	
HDMI port	video,audio output	HDMI 1.4a Type C x1	NA	
Extension interface	pogo Pin	NA	14pin Pogo Pin x1	
Standard Accessories				
Type	Details	Descriptions	Optional	
OTG cable	OTG cable	USB OTG turn type-C USB cable length 25mm	NA	
USB cable	USB cable	USB turn micro 5P L=1M 4 wires with aluminium foil and shielding	NA	
Adapter	Standard	AC100V ~ 240V , 50Hz/60Hz Output DC 5V/3A the European standard with CE、CCC、UL certificate	AC100V ~ 240V , 50Hz/60Hz Output DC 5V/3A the European standard with CE、CCC、UL certificate	
Software Configuration				
Type	Details	Descriptions	Optional	
Operation System	Operation System	Android 9.0		
Product Certificate				
Type	Details	Descriptions	Optional	
Certificates System	IP67	IP67	NA	
	Battery	UN38.3 , MSDS, Aviation report, Sea transportation report		
Reliability				
Type	Details	Descriptions	Optional	
Product reliability	Falling height	from 100cm height to marble floor with booting status		
	Working temperature	-20 °C to 60 °C		
	Storage temperature	-30 °C to 70 °C		
	Humidity	Humidity: 95% Non-Condensing		
Features:				
1.support Android 9.0 system				
2.support standard USB port				
3.support charging docking & wireless charging				
4.support NXP NFC(13.56M)				
5.support GPS navigation				
6.support 2D barcode scanner(Optional)				
7.rugged IP67 grade				
8.support hand/shoulder/back strap				