

PDA-5502 Specification



Data communication	
WLAN	2.4G/5G dual-band , Support 802.11 a/b/g/n/ac/,IPv4,IPv6 ;
WWAN	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
Vo-LTE	Support Vo-LTE HD voice video call
Bluetooth	BT 5.0
GNSS	Support GPS/Beidou/Glonass/AGPS

Barcode scanner	
Scanner engine	Zebra SE4710
Scan pixels	1280*800
Decoding type	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	
Working frequency	13.56MHZ
Communication	ISO14443A/B,ISO15693,NFC-IP1,NFC-IP2 and etc.
NFC standard	M1(S50,S70), CPU card, NFC tag and etc.

Physical parameter

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

Performance parameter

CPU	Cortex-A53 octa-core 64-bit 2.0GHz high-performance processor
RAM+ROM	4GB+64GB

Development environment

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

Operating environment

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