

U8 Product Specifications



Physical Parameter	
Design	Tablet
Keys	4 (functions key, power, volume+, volume-)
Size	247.5*140*19.6 (MM)
Weight	700g (including battery)
Colour	Black
Performance Parameter	
OS	Android 9.0
CPU	Qualcomm Snapdragon MSM8953 Octa-core 1.8G frequency
Storage	2GB RAM+16GB Flash, (Option: Customizable 4GB RAM+64GB Flash)
Display	8 inch IPS, resolution: 1280*800
Touch Screen	Capacitive touch screen, Multi-touch support
Camera	Front: 8.0M, auto focus Rear:13.0M, PDAF, flashlight

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Charge/communication interface	Type C interface, support USB3.0, high speed transmission, waterproof; support OTG
Memory extension	Support Micro SD card, up to 128GB
SIM slot	SIM1 slot and SIM2 slot Or (SIM card and T-Flash card)
Battery	Built-in non-detachable lithium battery, 3.85V, 9000mAh, 4 hours full of electricity
Battery Life	Continue working: >5H Screen bright standby: >12H Sleep standby: >500H
Charge	Power adapter supports Qualcomm QC3.0 quick charging protocol, adaptive 9V/2A, 5V/3A, maximum power up to 18W;
Sensor	Support G-sensor, L-sensor, Proximity sensor, Compass, Gyroscope
Speak	Support, built-in single horn
Microphone	Support, built-in double SMT mic, noise reduction
Earphone	Support, 3.5mm, support line control
Vibrating Alert	Support, built-in SMT vibration motor
Notification	Vibration, voice
Reliability	MTBF no less than 10000H
Communication Parameter	
WIFI	Built-in wifi antenna, dual frequency 2.4G (2402-2482 MHz), 5.8G (5180-5825 MHz), IEEE 802.11a/b/g/n/ac
Bluetooth	Built-in Bluetooth antenna, CLASS 2 power, BT4.2 LE standard, 2402-2480 MHz
WAN	LTE-FDD:B1/B3/B5/B8; LTE-TDD:B34/B38/B39/B40/B41; WCDMA:B1/B8; TD-SCDMA:B34/B39; CDMA:BCO; GSM:900/1800MHZ;
GPS	Integrated GPS, GLONASS, accuracy 8m, built-in antenna
Optional Functions	
NFC	Basic configuration, built-in antenna; NXP pn548 chip, support ISO/IEC 14443 A, ISO/IEC 14443 B, MiFare S50, S70, reading distance 0-5cm, depending on tag types
LF RFID	Support 125 Khz (Customizable)
PSAM slot	Support PSAM card x 1 (Customizable)
Bar code Scanner (HoneyWell 6603 component)	2D, Support bar code type: UPC/EAN/JAN, GS1 DataBar, Code 39, Code 128, Code 32, Code 93, Codabar/NW7, Interleaved 2 of 5, Code 2 of 5, Matrix 2 of 5, MSI, Telepen, Trioptic, China Post 2D Stacked: PDF417, MicroPDF417, GS1 Composite 2D Matrix: Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Code Postal: Intelligent Mail Barcode, Postal-4i, Australian Post, British Post, Canadian Post, Japanese Post, Netherlands (KIX) Post, Postnet, Planet Code

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	OCR Option: OCR-A, OCR-B, E13B (MICR)	
Fingerprint reader	Capacitive biometric fingerprint sensor, resolution 508dpi, Small fingerprint sensor: 14.4*10.4mm/208*288 pixels Large or FBI fingerprint sensor: 18*12.8mm/256*360 pixels	
UHF RFID Reader	Optional 1	Optional 2
	Engine: based on Inpinj R2000	Engine: based on PHYCHIPS PR9200
	Antenna parameters: Circular polarization antenna (3dBi)	Antenna parameters: Circular polarization antenna (1.5dBi)
	Working frequency: 902-928MHz/865-868MHz(optional)	Working frequency: 902-928MHz
	Protocol Standard: EPC C1 GEN2/ISO 1800-6C/ISO 18000-6B	Protocol Standard: EPC C1 GEN2/ISO 1800-6C
	Power: 1 W(30dBm. Support +18dBm~+30dBm adjustment)	Power: 400mW(26dBm. Support +18dBm~+26dBm adjustment)
	Reading distance: >12m(indoor); >8m(outdoor open space)	Reading distance: >2.5m(indoor); >1.5m(outdoor open space)
	Group read rate: up to 700 tags/s	Group read rate: up to 50 tags/s
	Note: The reading distance and the group read rate are depending on UHF RFID tags and operating environment.	
Working Environment		
Working temperature	-15℃ ~ +50℃	
Storage temperature	-20℃ ~ +70℃	
Working humidity	<90% RH	
Storage humidity	20% ~ 93% RH(40℃)	
Atmospheric pressure	86Kpa ~ 110Kpa	
Accessories		
USB cable	USB2.0, USB3.0 (optional)	
Charge	Chinese standard, European standard, American standard, British standard (optional)	
Others	User Manual, Warranty Card/Certificate of Qualification	
IP68		

Note: The terminal can be customized with different configurations in accordance with detailed requirements. If the present data sheet differs from the actual item, please take the actual item as the standard.