

PHYSICAL CHARACTERISTICS		
Dimension	170.8mm(H)x81mm(W)x20.4mm(D)±2 mm	
Weight	Net Weight :380g (including battery&wrist strap),Gross Weight:450g	
Machine package	200*140*90mm	
20 in 1 carton	420*450*300mm/11.6kg for machine	
Cradle package	180*135*70mm/368g	
Display	Tough 5.5 inch TFT-LCD(720x1440)touch screen with backlight	
Backlight	LED backlight	
Keypads	3 TP keys, 4 function keys, 4 side buttons	
Expansions	2 *PSAM (optional), 1* SIM, 1* TF	
Battery	Rechargeable li-ion polymer, 3.8V, 4800mAh	
PERFORMANCE CHARACTERISTICS		
CPU	Cortex A73 2.0GHz octa-core,MTK6762	
Operating System	Android 10.0	
Storage	4GBRAM, 64GB ROM, Micro SD up to 256GB for option	
USER ENVIRONMENT		
Operating Temp.	-20°C to 50°C	
Storage Temp.	-20°C to 70°C	
Humidity	5%RH to 95%RH(non-condensing)	
Drop Specifications	5ft./1.5 m drop to concrete across the operating temperature range	
Sealing	IP65, IEC compliance	
ESD	±15kv air discharge, ±8kv direct discharge	
DEVELOPMENT ENVIRONMENT		
Language	Java	
Environment	Android Studio or Eclipse	
DATA COMMUNICATION		
WWAN	TDD-LTE Band 38, 39, 40, 41; FDD-LTE Band 1, 2, 3, 4, 5, 7, 8, 12, 17, 20 WCDMA(850/1900/2100MHz); GSM/GPRS/Edge (850/900/1800/1900MHz);	
WLAN	2.4GHz/5.0GHz Dual Frequency, IEEE 802.11 a/b/g/n/ac	
WPAN	Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.2	
GPS	GPS(embedded A-GPS), accuracy of 5 m	
DATA CAPTUEER		
BARCODE READER		
2D bar code	Newland NLS 2D Scan Engine(standard) or Honeywell 2D Scan Engine	
	Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes, US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal. etc
COLOR CAMERA		
Resolution	Rear 13 megapixel, front 5.0 megapixel	
Lens	Auto-focus with LED flash	
RFID READER(OPTIONAL)		
RFID NFC	Frequency	13.56MHz
	Protocol	ISO 14443A&15693, NFC-IP1, NFC-IP2
	R/W Range	2cm to 5cm
ACCESSORIES		
Standard	1xPowerSupply(input:AC100V-240V,50Hz/60Hz,output:DC5V/2A),1xLithiumPolymer Battery,1xUSB data cable	
Optional	Cradle	





