



# C5000

## Android Mobile Computer

### Industrial and Humanized Hardware Design

Industrial&humanized keypad design and tough 5.0 inch touch screen together with high resolution of 720\*1280 display shall match high standards in logistics, express and retail.

### Octa-Core Processor&Large Memory

Android7.0 OS with memory of 2 GB RAM /16 GB ROM or shall provide the highly standard experience.

### Superior Data Communication and Security Guarantee

Double insurance of 4G &WIFI network and highly secured Android 7.0 system shall provide the high speed data communication and perfect security guarantee;



## Using Environment



PHYSICAL CHARACTERISTICS	
Dimension	170mm(H)x85mm(W)x23mm(D)±2 mm
Weight	Net Weight :400g (including battery&wrist strap)
Display	Tough 5.0 in. TFT-LCD(720x1280)touch screen with backlight
Backlight	LED backlight
Expansions	2 PSAM, 1 SIM, 1 TF
Keypads	3 TP keys, 6 function keys, 4 side buttons
Battery	Rechargeable li-ion polymer, 3.7V,4500mAh

PERFORMANCE CHARACTERISTICS	
CPU	Quad A53 1.3GHz quad-core
Operating System	Android 7.0
Storage	2GB RAM/16GB ROM MicroSD(max 32GB expansion)

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	1.2 m drop to concrete across the operating temperature range
Sealing	Ip67, IEC compliance
ESD	±15kv air discharge, ±8kv direct discharge

DEVELOPMENT ENVIRONMENT	
SDK	Handheld-Wireless Software Development Kit
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 v4.0
GPS	GPS(embedded A-GPS), accuracy of 5 m

BARCODE READER(OPTIONAL)	
1D Barcode	1D laser engine Honeywell N4313
	Symbologies All major 1D barcodes
2D Barcode	2D CMOS Imager Honeywell N6603/Newland EM3396
	Symbologies PDF417, MicroPDF417, Composite, RSS TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes, U PostNet, US Planet, UK Postal, Australia Postal, Japan Postal, Dutch Postal. etc.

COLOR CAMERA	
Resolution	8.0 megapixel
Lens	Auto-focus with LED flash

RFID READER(OPTIONAL)	
RFID LF	Frequency 125KHz/134.2KHz(FDX-B/HDX)
	Protocol ISO 11784&11785
	R/W Range 2cm to 10cm
RFID HF/NFC	Frequency 13.56MHz
	Protocol ISO 14443A&15693
	R/W Range 2cm to 8cm
RFID UHF	Frequency 865~868MHz or 920~925MHz
	Protocol EPC C1 GEN2/ISO 18000-6C
	Antenna Gain Circular antenna(2dBi)
	R/W Range 1 m to 1.5 m(tags and environment dependent)

PSAM SECURITY(OPTIONAL)	
Protocol	ISO 7816
Baudrate	9600, 19200, 38400, 43000, 56000, 57600, 115200
Slot	2 slots(maximum)

ACCESSORIES	
Standard	1xPower Supply; 1xLithium Polymer Battery; 1xDC charging cable; 1xUSB data cable
Optional	Carrying case; Cradle

