



C4000 is an Android-based rugged mobile computer. With its powerful 1.3GHz processor and best possible battery performance, as well as the comprehensive data capture options, including LF/HF/UHF RFID and NFC reading, high-performance 1D/2D, infra-red and sensitive fingerprint scanning, you can find this easy-to-deploy device an exceptionally valuable helper for your workers to increase their efficiency and productivity. With its highly customizable ability, enterprises can deploy this single device in many areas, including retail, warehouse management, logistics, asset tracking, fleet management, animal management and etc.



### ***Powerful Application Performance***

The C4000 is based on Android 4.4.2 system, features the fast and powerful quad core 1.3GHz processor, together with 1GB of RAM, 4GB build-in flash storage, plus a SD card slot that can add up to 32GB of memory.



### ***Extensive Data Capture Options***

The C4000 can be integrated with best-in-class Zebra 1D/2D scanning engine, LF/HF/UHF RFID or NFC reading module, sensitive fingerprint snap-on and GPS. It allows users to choose data collection options as per industry need.



### ***Rugged and Compact***

The C4000 is highly rugged, compact and durable. With an IP64 water and dust proof capability, workers can drop this device on concrete, use it in dusty areas, even get it wet, and still expect reliable operation.



### ***Fast Wireless Connectivity***

The C4000 provides enterprises with anywhere, anytime real-time connectivity by a variety of wireless connections including WCDMA, WiFi, Bluetooth and GPRS.



### ***Powerful Battery***

With the 3200mAh main battery and the optional 5200mAh pistol battery, you can be confident that your device can always deliver results when you need it to.



### ***Highly Customizable***

From a single function device to a fully featured enterprise mobile computer, this device delivers the best possible flexibility and diversity to satisfy a whole variety of application needs



## Accessories



AC Adapter



Snap On



USB Cable



Cradle (Optional)



Pistol (Optional)



Fingerprint Snap-on (Optional)



Carrying case (Optional)

## Physical Characteristics

Dimensions	153mm x 75mm x 29mm
Weight	286g
Display	4" WVGA (480*800), 16.7M colors
Touch Panel	Rugged Capacitive Touch Panel
Power	Main battery: Li-ion, 3200mAh Pistol battery: Li-ion, 5200mAh (Optional)
Expansion Slot	1 PSAM 1 SIM/PSAM 1 MicroSD(TF) slot
Interfaces	USB Micro-B (OTG)
Audio	0.5W speaker, build-in microphone
Keypad	4 TP Touch Key-Press Buttons
Sensor	Light Sensor, Proximity Sensor

## Performance

CPU	Cortex-A7 1-3GHz quad-core
RAM	1GB
ROM	4GB
Expansion	Supports up to 32GB Micro SD card

## Developing Enviroment

Operating System	Android 4.4.2
SDK	Software Development Kit
Language	Java
Tool	Eclipse / Android Studio

## User Enviroment

Operating Temp.	-10°C to 50°C
Storage Temp.	-40°C to 70°C
Humidity	5%RH - 95%RH non condensing
Drop Specification	Multiple 1.2m drops to concrete across the operating temperature range
Tumble Specification	1000 x 0.5m falls at room temperature
Sealing	IP64

## Communication

WLAN	IEEE802.11 b/g/n
WWAN	GPRS Quad Band (850/900/1800/1900MHz) WCDMA (850/1900/2100MHz) CDMA 2000 EVDO:800MHz
Bluetooth	Bluetooth 4.0
GPS	GPS, AGPS

## Biometric (Optional)

Functions	Enrollment, compare, deletion etc.
Sensor	TCS2SS
Sensor Type	Capacitive Sensor
Resolution	508DPI
Memory	1,000 PCS fingerprints

## Barcode Scanning (Optional)

<b>1D Linear Scanner</b>	
1D Laser / CCD	Symbol SE965
Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
<b>2D Imager Scanner</b>	
2D CMOS Laser Scanner	Symbol SE4500
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 (KIX), etc.

## RFID (Optional)

<b>LF with Internal Antenna</b>	
Frequency	125kHz, 134kHz (FDX-B / HDX)
Protocol	ISO11784/5, ISO18000-2
Chips	R/O ID card, eg EM4100/4200 TK4100 R/W ID card, eg EM4305/HITAG S Animal tags
Range	3-8cm

**LF with External Antenna**

Frequency	134kHz (FDX-B+HDX)
Protocol	ISO11784/5
Chips	Animal tags
Range	3-12cm 3-20cm with a 75cm Extension Antenna

**HF**

Frequency	13.56MHz
Protocol	ISO14443A/B, ISO15693
Chips	M1 card (S50/S70), M0 (Ultralight) M3 (Desfire D40/D41/D81), CPU_A card, CPU_B card ICODE II, T12048, LRI64K
Range	3-8cm

**NFC**

Frequency	13.56MHz
Protocol	ISO/IEC 18092 (ECMA 340) ISO/IEC 21481 / ECMA 352
Range	2-4cm

## Other Modules (Optional)

Camera	5MP autofocus camera with flash
PSAM	ISO7816 Protocol, 2 PSAM slot

## InfraRed (Optional)

Wavelength	940nm
Frequency	38KHz
Range	> 4m

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C4000 V1.0EN