

C4050-Q4-UHF

ENTERPRISE MOBILE UHF RFID HANDHELD COMPUTER



C4050-Q4 UHF is an Android rugged mobile computer. With its powerful quad-core processor and wireless connections such as 4G, Bluetooth and Wi-Fi, as well as comprehensive data capture options, including UHF RFID reading & writing, 1D/2D barcode scanning, 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 device in many areas, including retail, logistics, express delivery, warehousing, energy and chemical industry, etc.



Powerful Application Performance

The C4050-Q4-UHF adopts Android 5.1 OS, features the fast and powerful quad core processor, together with 2GB of RAM, 16GB build-in flash storage, plus a SD card slot that can add up to 32GB of memory.



Extensive Data Capture Options

The C4050-Q4-UHF can be integrated with best-in-class Zebra 1D/2D scanning engine, sensitive fingerprint snap-on and GPS. It allows users to choose data collection options as per industry need.



UHF RFID Reading Capability

The C4050-Q4-UHF provides new levels of UHF RFID reading performance. It can be configured with class-leading R2000 UHF module or cost-effective UHF module, together with two kinds of high performance antenna options.



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.



4G LTE - Faster Connectivity

Whether indoors or outdoors, the C4050-Q4-UHF provides enterprises with anywhere, anytime real-time connectivity by the fast 4G LTE cellular network and 802.11 a/b/g/n Wi-Fi support.



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

**Physical Characteristics**

Dimensions	176mm x 76mm x 28,5mm
Weight	292g
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	Numeric / Qwerty
Sensor	Light Sensor, Proximity Sensor

Performance

CPU	Qualcomm 1-3GHz quad-core
RAM	2GB
ROM	16GB
Expansion	Supports up to 32GB Micro SD card

Developing Enviroment

Operating System	Android 5.1
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 a/b/g/n
WWAN(E)	2G GPRS (900/1800MHz) 3G WCDMA B1 - B8 4G FDD LTE B1 - B3 - B7 - B8 - B20
WWAN(N)	2G GPRS (850/1900MHz) 3G WCDMA B1 - B2 - B5 4G FDD LTE B2 - B4 - B7 - B17
WWAN(C)	2G GPRS (850/1900MHz) 3G WCDMA B1 3G CDMA EVD 800MHz 3G TD-SCDMA B34 - B39 4G TDD LTE B38 - B39 - B40 - B41 4G FDD LTE B1 - B3
Bluetooth	Bluetooth 4.0
GPS	GPS, AGPS

Barcode Scanning (Optional)

1D Linear Scanner	
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.
2D Imager Scanner	
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

UHF	
Frequency	865MHz-868MHz / 920-925MHz / 902-928MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Antenna	Linear polarization (1.8dBi) Circular polarization (2.5dBi)
Power	1W (+10dBm to +30dBm)
Range	Option1(R2000), up to 4.5m Option2, up to 2m (Ranges depend on tags and environment)

Other Modules (Optional)

PSAM	ISO7816 Protocol, 2 PSAM slot
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Biometric (Optional)

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

Accessories

AC Adapter



Snap On



USB Cable



Cradle



Pistol



Fingerprint Snap-on (Optional)



Carrying case (Optional)

AUTHORIZED DISTRIBUTOR

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