



## DATA SHEET

### RF C1 Smart RFID PDA Android 4.2.2



#### Product Description

##### Main Features

User friendly design for industrial work environment  
Ergonomics design for high work performance  
Powerfull CPU MSM 8960 Dual Core Krait @ 1,5 GHz  
Multiple wireless options Wifi, GSM/GPRS and BT  
4,5" Cap.Touch Display (720x1280) Gorilla Glas  
Weight 340g (incl. 3.450mAh battery)

Integrated 2D scanner for maximum barcode reading  
8.0 MPixel auto focus camera with flashlight (standard)  
GPS with internal antenna  
Optional 5.200mAh Snap On battery  
RFID LF, HF and UHF optional  
Android 4.2.2 Jelly Bean

##### Product pictures



<b>Article no:</b>		<b>RF C1</b>
<b>Typical Applications</b>		
<ul style="list-style-type: none"> <li>•Manufacturing</li> <li>•Security</li> <li>•Waste management</li> <li>•Logistics</li> </ul>	<ul style="list-style-type: none"> <li>•Health Care</li> <li>•Asset management</li> <li>•Food</li> <li>•Transportation</li> </ul>	<ul style="list-style-type: none"> <li>•Service Maintenance &amp; Diagnostics</li> <li>•Automotive</li> <li>•Retail &amp; POS</li> <li>•Home Automation</li> </ul>

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## Technical Specifications

## RF C1

<b>Platform</b>	
CPU	Qualcomm Snapdragon MSM 8960 – Dual Core Krait @ 1,5 GHz
Operating System	Android 4.2.2 (Jelly Bean) with API 17.
<b>Performance Characteristics</b>	
Memory	1 GB RAM, 8 GB Flash up to 32 GB via the Micro-SD slot (standard product is delivered with a 4 GB Micro-SD SDHC card)
Expansion Slot	Micro-SD slot – Mini-USB and LIF connectors.
<b>Physical Characteristics</b>	
Dimensions	5.9" x 3.15" x 1.18" (L x l x P) / L150 x B79 x H30mm
Weight	Standard 340g (incl. 3450mAh battery)
Display	Display : 4,5" WVGA High resolution (720 x 1280) – Portrait or landscape – Capacitive color touchscreen - DMSR (Dual Mode Sunlight Readable)
Power	Lithium Ion 3.7V 3.450 mAh / Add. Snap on battery: 3.7V 5.200 mAh
<b>Scanning &amp; Communications</b>	
Barcode reader (standard)	2D Imager
Camera (standard)	8.0M pixel auto focus camera with LED flash
Communications	Direct Ethernet connection via a USB/Ethernet adaptor or via the Ethernet interface of the docking station.
<b>RFID</b>	
RFID (LF)	125 KHz & 134,2 KHz – HID – ISO 11784 / 11785 18000-2
RFID (LF)	134,2 KHz – AGR – ISO 11784 / 11785
RFID (HF)	13,56 MHz – ASK – ISO 14443 A/B/B' – Felica® – ISO18092 (NFC) compatible Mifare® and Calypso V3 – Supports up to 2 SAM's
RFID (HF)	13,56 MHz – HID – ISO 14443 A/B –15693 – I-Code® – Mifare® – NFC – 2 SAM's
RFID (UHF)	868 - 925 MHz (500mW) – ISO 18000-6C – EPC CLASS I GEN 2
<b>Wireless</b>	
WLAN (optional)	WiFi (2,4 GHz - 5 GHz) - 802.11 a/b/g/n (internal antenna)
WPAN (optional)	Bluetooth 4.0 – Class 2 EDR
WWAN (optional)	GSM/GPRS/EDGE (900/1800 MHz) – 3G/UMTS (900/1800/2100 MHz) 4G LTE 800/900/1800/2600 MHz – Dual SIM cards (option)
GPS (optional)	GPS with internal antenna – (less than 5 meters accuracy)
<b>Accessories</b>	
Cradle	Single slot cradle (with Ethernet), Snap On battery w/o keyboard 4 Slot charging Cradle
Others	Leather case, Sync cable Adaptor, Screen protector, etc.
<b>Environment</b>	
Operating Temperature	-20°C to 60°C
Storage Temperature	-25°C to 70°C
Humidity	5% - 95% non-condensing
Drop	Drop test from 1.5m to concrete
Rain & Dust protection	IP65
Approvals	CE, RoHs

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## Technical Specifications

### I/O Ports

- 1 x USB (1 Slot Cradle)
- 1 x Ethernet (1 Slot Cradle)

### Indication LED

- Power LED

## RF C1



1 slot Cradle  
Ethernet



4 slot charging Cradle



Snap-on 5.200mAh  
for mobile charging



Snap-on 5.200mAh  
for mobile charging &  
keyboard



Leather Case

## RF C1 Options and Accessories



ActivSync USB A to  
USB Micro-B cable -  
Length : 2 m



DC-USB cable



USB AC adapter



Leather Case for C1 and Snap On  
with standard quick release clip and  
webbing belt loop



Standard quick release clip



Quick release belt loop for 50  
mm wide belt riveted

Article no:

RF C1 1 slot Cradle (Ethernet)

RF C1 1S CRA

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