

## Key Features

- X-scale PXA255 400Mhz 32 bits RISC Processor
- 64/128 MB SDRAM and 64MB Flash ROM
- One CF-II and SD expansion slot
- Support USB1.1 Client and Host
- Integrated barcode scanner (laser)
- Wireless Communication Ready (802.11b or Blue-Tooth)
- Alphanumeric Keyboard Build-in



## Specifications

### Processor

- X-scale PXA255 400Mhz 32 bits RISC CPU

### Chipset

- Intel Cotulla embedded chipset
- Media-Q MQ1188 Graphic, SD and USB host Controller
- Wolfson WM9705 AC'97 codec with Touch screen controller

### Memory

- 64MB (M-System) Flash ROM
- 64/128MB SDRAM

### Display

- Support 240 X 320 TFT 256K Color LCD
- Transflective type TFT LCD with back light
- Support 4-wire resistance type touch panel

### Audio

- One mono speaker
- 2.5mm DIA stereo earphone jack with Microphone input.

### USB Function

- Support USB 1.1 Compliant Function
- Support USB 1.1 Compliant Host in 100mA
- USB interface will support from cradle USB connector or external USB cable

### Barcode

- Laser Engine

### Infrared Port

- One IrDA 1.2 compliant SIR port support 20cm ~ 30cm distance

### Expansion Slot

- One Compact Flash Type-II slot (support 3.3V)
- One SD Card slot (support SDIO)

### Power system

- Build in 1800mAh Li-Polymer removable battery (10 operation & 100 standby hours in 64MB DRAM and 64 ROM module)
- 25 mAh rechargeable backup battery
- One adapter with 100~240Vac, 50/60Hz
- AC input and 5V/2A DC output
- One DC-IN jack

### Button

- One Power/Front light on/off button
- 4-way navigation button
- 2 Scanner Enable Keys
- SW Reset input button
- **16 + 1** alphanumeric keyboard

### LED

- One two-color LED for Alarm notification and charger indicator
- One two-color LED for scanner indicator

### Cradle

- Support USB client and Host
- Support 2<sup>nd</sup> battery charge
- Built-in DC-IN jack
- One Charger LED

### Power Management

- Support for Xscale application modes including: Turbo Mode, Normal Mode, Idle Mode and Sleep Mode
- Peripheral power – On/Off controllable via software

### RADIO Module

- 802.11b / Blue-Tooth (Class II)

### Dimensions and Weight

- 78 mm (W) x 168mm(L) x 33mm(H)
- Weight: 350g

### Software

- Microsoft WinCE .NET 4.1/4.2
- IE, InBox, Async..etc.
- SW update from CF

### Environmental

- Operating Temperature: -10°C~50 °C
- Storage Temperature: -20 °C ~60 °C
- IP54 Standard
- 4 ft (1.2m) drop to concrete

### Peripherals and Accessories

- Pistol Grip
- Hand-Strap
- CDMA Module

# EBC100



## Key Features

- PC Communication
- Battery Management
- USB Host and Client
- RS-232
- Ethernet Module Ready (optional)



## Specifications

### DC Power Jack Input

- DC 5V/2A

### 2<sup>nd</sup> Battery Status LED

- No LED: Fully charged
- Amber: Charging
- Flashing: Problem

### USB Client Connector

- Connect to PC
- Support USB Client only

### USB Host Connector

- Support USB Host
- Support USB device

### RS232 D-Sub Connector

- Connect to PC
- Support RS232 full function

### Ethernet Module (optional)

- Support 10/100 Mb Ethernet communication
- Connect through USB host connector

### 2<sup>nd</sup> Battery Charge Slot

- Support 2<sup>nd</sup> Battery Charge

### Size and Weight

- TDB
- Weight: TDB

### Environmental

- Operating Temperature: 0°C ~50 °C
- Storage Temperature: -20 °C ~60 °C
- 75cm drop to concrete

### Peripherals and Accessories

- USB Cable (connect to PC)
- RS-232 Cable
- Ethernet Module
- Multi-Docking Station