

# CE3240B



Units are shown with optional peripherals



## Lightweight Data Capture and Identification

The CE3240B is specifically designed to transfer DAP Technologies' mobile computing expertise into the featherweight field of handhelds. Meeting all expectations, it also offers the largest variety of customization hardware modules and features the most efficient, safe and cost-effective tools for all field workers.

- XScale (Bulverde) PXA 270 520MHz processor provides blazing performance
- QVGA TFT color LCD display with LED backlight makes the CE3240B easy to read both indoors and outdoors
- 128MB NAND Flash for Windows CE and file system plus 128 MB RAM provides ample storage for data and software
- Ergonomic 22-key keypad with key grouping functionality to speed up data entry, plus 2 trigger keys
- Flexible communications with Ethernet 10BASE-T (10Mbps), USB host and client
- Fast swappable 2000 mAh (14.6Wh) battery
- Internal 802.11b/g with Bluetooth 2.0 (optional)
- 2 internal expansion ports for custom peripherals
- Integrated speaker and headset jack (voice recording and playback)
- Complies with IP65 standards and MIL-STD-810F tests
- Ergonomic hand strap adjustable for either right or left-handed users

Add functionality to your application by choosing an **adaptable** End-Cap tailored to your requirements:

- MAGNETIC STRIPE CARD READER
- SMART CARD READER (Contact/contactless)
- 1D/ 2D BARCODE READER
- BARCODE SCANNER
- FINGERPRINT SENSOR
- SAM CARD READER



DAP Technologies and RMT have joined, becoming the leading provider of rugged, highly customizable computer solutions for challenging environments



## Base Unit

### Processor

- XScale (Bulverde) – PXA270, 520 MHz

### Operating System

- Windows CE 5.0

### Memory

- 128 MB Storage Flash for Windows CE and file system (approximately 64 MB available to user)
- 128 MB SRAM (approximately 64 MB used for OS)
- Optional: Additional storage via PC Card, CF or SD cards

## Display

3.5" QVGA TFT color LCD with LED backlighting

Indoor/Outdoor display

Scratch and shock resistant touch screen can be used with a stylus or finger

## Connectivity

Internal 802.11b/g and Internal Bluetooth Class 2 [Wireless Edition]

Ethernet 10BASE-T [through cradle]

## Graphics / Sound

Integrated and environmentally-sealed speaker

Recording and playback fully supported by Windows CE operating system

Integrated and environmentally-sealed microphone and headset connector

## User Interface

Touch screen

Keyboard

- Ergonomic 22-key keypad with 10 numeric and function keys plus 2 trigger keys
- Programmable auto-repeat
- Keyboard backlighting
- Ergonomic key grouping to speed up data entry
- Tactile and programmable audible feedback

## Ports

USB (Host/Client) via cradle

Ethernet 10Mbps via cradle

1 SDIO card slot

1 PC card slot

## Environment

### Temperature

Operating: -4°F to +122°F (-20°C to +50°C)

Storage: -22°F to +140°F (-30°C to +60°C)

### Free-Fall Drop Resistance

- Meets and exceeds IEC 68-2-32 method 1 (1-meter drop onto concrete)
- Meets and exceeds MIL-STD-810F method 516.5 procedure IV

### Rain and Humidity

- IP65
- MIL-STD-810F method 506.4 procedure I (wind blown rain)
- Humidity: 95% RH, non-condensing

### Electrostatic Discharge

- Meets EN 61000-4-2

## Power Supply

Rechargeable 2000 mAh (14.6Wh) Lithium-Ion battery pack (fast swappable)

Integrated charge status and low-battery indicator

Intelligent fast charge

Power gauge to monitor main battery

Rechargeable backup battery

Backup system for RAM memory if main battery is exhausted or removed

ON/OFF switch, manual and automatic shutoff

5-Volt power for external devices

## Dimensions

2.05" (5.2 cm) x 3.1" (7.9 cm) x 7.7" (19.6 cm)

1lb (454g) with battery

## Accessories

Various communications and charging cradles (office or vehicle)

Extended end-cap for customer specific electronic modules

## Bundled / Available Software

Microsoft® ActiveSync

FTP client/server

CE Internet Explorer and Viewers for Word,

Excel, PowerPoint and PDF files

Microsoft® Outlook

Microsoft® Windows Media Player

Terminal Services Client

Voice Recorder

## Warranty

Manufacturer's warranty: 1 year parts and labor

Optional DAPCare warranty extension available

## Regulatory Approvals

FCC Part 15 Class B

RoHS Compliant

International Safety: CE

## EndCap Options

Magnetic Stripe Card Reader

Smart Card Reader - contact and contactless

1D/ 2D barcode reader (CMOS Imager)

Image Scanner

Fingerprint reader

SAM Card Reader

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### United States

Roper Mobile Technology  
7450 S. Priest Dr  
Tempe, AZ 85283 USA  
P| 800.363.1993  
salesNA@daptech.com

### United Kingdom

25 Nuffield Way  
Abingdon, OX14 1RL  
England  
P| +44 (0) 1235 462130  
F| +44 (0) 1235 462131  
SalesUK@daptech.com

### Canada

875 Charest Boulevard West  
Suite 200  
Quebec City, QC G1N 2C9  
P| 418.681.9394  
P| 800.363.1993  
F| 418.681.0799  
salesNA@daptech.com



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