

# MAT 203/204

## Mobile Application Terminal

### Operating System

- Windows CE .NET with .NET Compact Framework (Pro\*, Pro Plus\*\*)

### Microprocessor

- Intel XScale PXA255, 400MHz

### Memory & Storage

- 64MB RAM, 48MB Flash, Windows CE Pro\*
- 128MB RAM, 96MB Flash, Windows CE Pro Plus\*\*
- Persistent Storage (Data, System Files, Registry)

### Communications

- Full RS-232
- USB 1.1 host for keyboard, printers, etc.
- USB 1.1 client for syncing with a host
- Bluetooth (WPAN) (optional)
- 802.11b (WLAN) (optional)

### Expansion Slots

- Compact Flash (Integrated or Optional User Accessible)
- SD/MMC (User Accessible)

### Display

- 3.5" QVGA (240x320)
- 64K Color
- Transflective/Sun-light Readable
- Touch Screen with stylus or finger
- Backlit (varying levels software controlled and keyboard on/off)

### Indicators

- Front panel LED's:
  - Charge Indication (Yellow/Green)
  - Programmable LED (Green)
- Integrated Vibrator

### Keypad

- 49 key, full alphanumeric, plus 2 side Scan keys
- 12 Function Keys, (4 dedicated, 8 shifted)
- Backlit, Color, software controlled (on/off)
- One centrally located Scan key, Two side Scan Keys
- 2 "Enter" Keys (right/left-hand accessible)
- Large Numeric Keys
- Flat, rubberized, non-glare keys
- One-hand (sticky key) operation
- Programmable Audible "key click"
- Software Keypad
- Shift & Navigation key LED indicators

### Audio Capabilities

- Integrated Speaker
- Integrated Microphone
- Beeper/Buzzer: 90dBA programmable volume, pitch and duration
- Headset jack, 3.5mm



### Power

- Removable Li-Ion 3.7V, 4400mAh
- Back-up Li-Ion 3.7V, 120mAh
- 8 hr minimum live use (scanner, keyboard and radio use)
- Power jack for external power and charging
- Battery Gas Gauge

- Field Service
- Merchandising
- Field Reporting
- Shipping/Receiving
- Pick / Pack / Ship
- Inventory / Lot Tracking
- Work-In-Process
- Job / Labor Reporting
- Cycle counting



## User Environment

- Environmental Specifications
  - Operating Temp: 14° to 131°F (-10° to 55° C)
  - Storage Temp: -13° to 140°F (-25° to 60°C)
  - IP-64
  - Drop test rating: 5 feet, multiple times to concrete
  - Relative Humidity: 5 to 95% non-condensing
  - UL flame Rating: 94V/0
- Regulatory Approvals
  - FCC Part 15 Class B
  - CE

## Mechanical

- Construction
  - Palmheld
  - Integrated Stylus Holder
  - Hand Strap (stretchable, adjustable and removable)
  - Co-molded for ruggedness
  - Ergonomically designed
- Dimensions
  - Length: 8.676 in.
  - Width at display: 3.813 in.
  - Width at keypad: 3.16 in.
  - Depth at keypad: 1.402 in.
  - Weight: 20 oz.

## Input Connectivity

- Integrated 1D Laser
- Optional Input Devices - via RS232 or USB interface
  - Wands
  - External Lasers
  - Barcode Slot
  - Handheld CCD's
  - Magnetic Stripe

## Supported Symbolologies

Codabar	ISBN Conversion
Code 39	GTIN Conversion
Code 39 Full ASCII	Trioptic Code 39
Code 93	
MSI Plessey	
Code 128	
UCC/EAN-128	
UPC-A / E	
EAN-8 / 13	
UPC-E1	
Interleaved 2 of 5	
Industrial 2 of 5	
Coupon Code	
ISBT-128	
RSS-14	



## Application and 3<sup>rd</sup> Party Software

- ActiveSync
- Inbox – E-mail
- Internet Explorer 6.0 (Full CE .NET Version)
- Windows Messenger
- WordPad
- Windows Media Player
- Hand writing recognition
- Download tool for upgrades
- Signature Capture
- Voice Recorder
- Terminal Emulation
- Remote Desktop Protocol
- Pro Plus version includes:
  - Viewers – Excel, Image, PDF, PowerPoint, Word

## Development Tools

- Software Developer's Kit – Support for
  - eVC++
  - Visual Basic.NET
  - Visual C#
- Custom Control for Super Wedge interface
- Sample/Demo applications available
- XML, Jscript, VBScript
- NDIS 5.1
- Network Utilities
- Object Exchange Protocol (OBEX)
- Speech API (used to develop speech applications)
- TCP/IP
- Active Template Library (ATL)
- Microsoft Foundation Class (MFC)
- DCOM, DirectXSNMP, SOAP, Pocket Outlook Object Model API
- .NET Compact Framework with SQL Server

## Accessories

- Dock with spare battery bay for communications, charging and device storage.
  - Communications via the Dock
    - RS232
    - USB (Client/Host)
    - Modem (Optional)
- Cigarette Lighter Power Cable
- Protective Case
- Lanyard
- Shoulder Strap
- Holster/Belt Clip

## Optional End Caps available for

- RS-232
- USB (Client / Host)
- Modem (Optional)

**For Sales Information call or write:**



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