

# PM350

## TOUGH, COMPACT & ERGONOMIC MOBILE COMPUTER

### Marvell® PXA300 624MHz, Windows CE.NET

The New PM350 is the latest generation mobile computer device, combining a compact rugged form factor with the flexibility of Microsoft's CE.NET 5.0 operating system and Marvell® PXA300 624MHz processor. The PM350 is designed for retail warehousing and logistics applications where maximum performance and durability is required in a compact handheld device.

### The Most Advanced Ergonomic Design for Comfort and Scan Intensive Applications

The user-tested ergonomic design of the PM350 has rendered a lightweight with remarkable balanced device that reduces stress and fatigue during extended work sessions. Its sculpted back case is shaped to comfortably accommodate any hand size and ergonomic position side scan button on both sides gives the most comfort to use for either right or left-handed users.

### Comfort and Easy to Use with 25 Degree Tilted Scanning Direction

The PM350 has unique design concept for scan engine positioning the first time in the industry. The scan engine positioned with 25.5 degree for 1D and 48 degree for 2D tilted scanning angle to down side gives the users the maximum comfort and productivity for scanning. Its superior design concept helps to facilitate and increased workforce satisfaction inside the retail store, on the loading dock or on a delivery route.

### Outstanding Durability

The PM350 is designed from the ground up for rugged applications. With its IP64 sealing, 5 feet (1.5m) repeated drops to concrete, and wide operating temperature range the PM250 stands up to most any demanding application



### Features

- ▶ Microsoft Windows CE 5.0, Windows Embedded Handheld 6.5
- ▶ Integrated 802.11 b/g
- ▶ 1D and 2D barcode scanning options
- ▶ IP64 protection class
- ▶ Ergonomic, compact and robust
- ▶ Marvell PXA 300 624MHz
- ▶ Integrated Bluetooth v2.0 radio
- ▶ 1.5m (5 ft.) drop resistance
- ▶ 3.5", TFT LCD, QVGA (240x320) color with touch screen
- ▶ Comfort and easy to use with 30 degree tilted scanning angle to down side

PM350 is designed for various user environment needs; its large color display, multiple key pad options and slide on pistol grip offers you to adjust PM350 for your workforce environment. PM350 offers the best performance optimization and reliability with immediate return on investment through increasing workforce efficiency and satisfaction.



# PM350

## PHYSICAL CHARACTERISTICS

### Dimensions

With standard batt. 200mm L x 78mm W x 28mm D  
7.87in L x 3.07in W x 1.1 in D  
at grip 64mm W  
2.51in W

### Weight

With standard batt. 360g / 12.7oz  
With extended batt. 377g / 13.3oz

### Display

3.5" (240 x 320 pixel) QVGA transmissive  
TFT-LCD 65,536 (16 bit RGB) colors  
LED backlight, Touch Screen

### Power

Standard Battery 2,200mAh Li-ion rechargeable  
IEEE 1725 Compliant, removable  
Extended Battery 3,300mAh Li-ion rechargeable  
IEEE 1725 Compliant, removable

### Keypad

Numeric (28 key) or QWERTY (52 Key)  
with backlight

### Standard Communications

Full speed USB 1.1 from either cradle or  
direct sync cable RS232 (115 Kbps) from  
cradle

## PERFORMANCE CHARACTERISTICS

### Main-Processor

Marvel PXA300 @ 624MHz

### Operating System

Windows Embedded Handheld 6.5 Professional  
Windows Embedded CE 5.0 Professional

### Memory and Storage

RAM 128MB / 256MB  
ROM (NAND Flash) 128MB / 256MB  
Micro-SD Customer-accessible micro-SD slot for  
Removable storage cards up to 4GB for  
both Win CE & Win Handheld

## USER ENVIRONMENT

**Operating Temperature** -10°C to 60°C / 14°F to 140°F

**Storage Temperature** -20°C to 70°C / -4°F to 158°F

**Humidity** 95% Non-condensing

**Drop** MIL-STD 810G for 1.5m(5ft)

**Rain / Dust Proof (Sealing)** IP64

**Tumble** 500cycle (1,000hits) at 1m /3.3ft

**Electrostatic Discharge** ±15 kV air discharge  
±8 kV contact discharge

## DATA CAPTURE

### Integrated Barcode Reader

1D Laser Scanner All 1D standard symbology & Postal code  
2D Imager Scanner All 1D/2D standard symbology  
including GS1 Databar

## WIRELESS

### Wireless LAN

Radio IEEE 802.11 b/g  
Data Rates 11 Mbps / 54 Mbps  
Antenna Internal  
Security WIFI Certified for WPA/WPA2 operation  
Authentication PEAP/MS-CHAPv2, EAP-TLS, CCX v4

### Wireless PAN

Bluetooth Integrated Bluetooth Class II,  
Ver. 2.0+EDR  
Channels 0 to 78 (2402-2480MHz)  
Data Rates 1, 2, 3Mbps  
Antenna Internal

## REGULATORY APPROVALS AND COMPLIANCE

Safety: cULus Listed  
EMC: Class B – FCC/ICES/EN  
Radio: FCC w/HAC, CE2200  
Environmental: EU Directives-WEEE, RoHS,  
Batteries & Accumulators,  
Packaging & Water Packaging

## ACCESSORIES

### Standard Accessories



### Optional Accessories

