



← Tough  
← Compact  
← Ergonomic

## General Description

### 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 and uncommonly well-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 positioned 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 30 Degree Tilted Scanning Direction

The PM350 has a unique design concept for scan engine positioning the first time in the industry. The scan engine positioned with 30 degree tilt scanning angle to down side gives the users the maximum comfort and productivity for scanning. Its superior design concept help 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 PM350 stands up to most any demanding application.

## Features

- Microsoft Windows CE 5.0
- Marvell PXA300 624MHz
- Integrated 802.11 b/g
- Integrated Bluetooth v2.0 radio
- 1D and 2D bar code scanning options
- 1.5m (5 ft) drop resistance
- IP64 protection class
- 3.5", TFT LCD, QVGA (240x320) color with touch screen
- Ergonomic, compact and robust
- Comfort and easy to use with 30 degree tilted scanning angle to down side

# PM350

## Specifications

### PHYSICAL CHARACTERISTICS

<b>DIMENSIONS</b>	200 x 78 x 28mm/7.87 x 3.07 x 1.10 in. at grip: 64 mm / 2.51 in. (W)
<b>WEIGHT</b>	360 g / 12.7oz (incl. battery pack)
<b>DISPLAY</b>	3.5 in. QVGA (240 x 320 pixels), 65K color TFT-LCD backlight, touch screen
<b>EXPANSION SLOT</b>	User accessible Micro SD Card up to 4GB with SDIO support

### PERFORMANCE

<b>OPERATING SYSTEM</b>	Windows CE 5.0 Professional
<b>MICROPROCESSOR</b>	Marvell® PXA300 624MHz
<b>SYSTEM RAM MEMORY</b>	128MB
<b>SYSTEM ROM MEMORY</b>	128MB

### WIRELESS DATA COMMUNICATIONS

<b>WLAN</b>	Dual Mode 802.11 b/g (11 Mbps/54 Mbps) with Internal Antenna
<b>WPAN</b>	Bluetooth Class II (10 m) v2.0 Enhanced Data Rate (EDR) with on-board antenna, BQB certified

### SERIAL COMMUNICATIONS

<b>INTERFACES</b>	Full speed USB 1.1 from cradle (or I/O cable): RS232 (115 Kbps) from cradle
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### POWER MANAGEMENT

<b>POWER SUPPLY</b>	Standard Battery: 3.7V, 2,200mAh Li-ion Extended Battery: 3.7V, 3,300mAh Li-ion (includes extended battery door)
<b>ADAPTOR</b>	5V 2A, 100/240V AC

### AUDIO & VIBRATOR

<b>AUDIO</b>	Built-in microphone and speaker, stereo headset jack
<b>VIBRATOR</b>	Built-in vibration motor

### INTEGRATED SCANNER

<b>SCANNER</b>	1D Laser or 2D Imager (optional)
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### USER ENVIRONMENT

<b>OPERATING TEMPERATURE</b>	-10°C ~ 60°C (14°F ~ 140°F)
<b>STORAGE TEMPERATURE</b>	-20°C ~ 70°C (-4°F ~ 158°F)
<b>HUMIDITY</b>	95% humidity, non-condensing
<b>DROP RESISTANCE</b>	Withstand multiple 1.5 meters (5 ft) drops onto concrete
<b>ENVIRONMENT SEALING</b>	IP64 standard for water and dust resistance
<b>ESD</b>	+/-8kV contact; +/-15kV air

### STANDARD ACCESSORIES

Hand-strap, STD battery, Stylus pen  
Quick reference manual , AC Adaptor

## Accessories



Single Slot Serial/USB  
or Ethernet Cradle



4-Slot Battery Charger



Pistol Grip



High Capacity Battery  
Pack with Cover



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