

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.



Technical Specifications

Physical characteristics

Dimension with battery
200 x 78 x 28 mm (7.87 x 3.07 x 1.1 in)
at grip: 64 mm / 2.51 in. (W)
Weight: 360g (12.7oz) with standard battery
377g (13.3oz) with extended battery

Environmental

Operating Temperature
-10°C to 60°C (14°F to 140°F)
Storage Temperature
-20°C to 70°C (-4°F to 158°F)
Relative Humidity: Non-condensing, 95%
Rain & Dust Proof: IP64
Drop Specification: 1.5m (5 ft.) per MIL-STD 810G
Tumble Specification: 500cycle (1,000hit)
@ 1m (3.3ft) tumble
Electrostatic Discharge: +/- 15 kV air discharge
+/- 8 kV contact discharge

Power

Standard Battery Pack: 3.7V, 2,200mAh
Extended Battery Pack: 3.7V, 3,300mAh
IEEE 1725 Compliant, Li-Ion, removable,
rechargeable

Operating System

Windows Embedded CE 5.0 Professional
Windows Embedded Handheld 6.5
Micro-Processor
Marvel PXA300 @ 624 MHz

Memory and Storage

Memory: 128MB or 256MB
ROM: 128MB or 256MB Flash ROM (Approx
90MB or 210MB Available for user application)
Customer-accessible micro-SD slot for Removable
storage cards upto 4GB for both Win CE &
Win Handheld

Display

3.5 in, 240 x 320 pixel (QVGA) trans-missive
TFT-LCD display, 65,536 (16 bit RGB) colors
LED backlight, Touch Screen

Standard Communication

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

Wireless LAN

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

Integrated Bluetooth Class II, Version 2.0+EDR
Operating channels: 0 to 78 (2402-2480 MHz)
Data Rates: 1, 2, 3 Mbps
Antenna: Internal

Keypad Options

28-key numeric with shifted alpha and backlit keys;
52-key full alphanumeric with backlit keys

Accessories

Standard accessories: AC/DC charger
with different country plug,
Stylus pen with tether, Hand strap, Belt clip,
Battery, LCD protection film
Optional accessories: Single-slot cradle,
Single Ethernet cradle,
Direct USB Sync cable, Pistol Grip

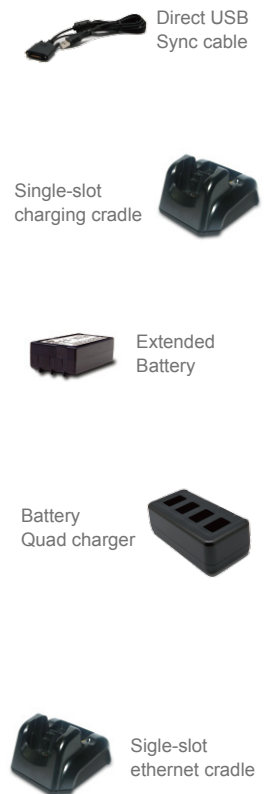
Regulatory Approvals and Compliance

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

Standard accessories



Optional accessories



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