POINT Mobile

PM100 Pocket-Sized Mobile Computer

Robust >

Lightweight >

Ultra compact >

General Description

Marvell® PXA300 624MHz, Windows CE.NET

Pointmobile's new PM100 is the latest generation mobile computer device, combining a pocket-sized rugged form factor with the flexibility of Microsoft's CE. NET 5.0 operating system and Marvell® PXA300 624MHz processor. The PM100 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 PM100 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 be comfortably accommodated by any hand size and the swivel belt clip which comes with the terminal allows users to carry the device with zero effort.

Comfort and Easy to Use with 25 Degree Tilted Scanning Direction

The PM100 has an unique design concept for scan engine positioning. The scan engine positioned with 25 degree for 1D and 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 increase workforce satisfaction inside the retail store, on the loading dock or on a delivery route.

Outstanding Durability

The PM100 is designed from the ground up for rugged applications. With its IP54 sealing, 4 feet (1.2m) repeated drops to concrete, 500 times at 1 meter (1,000 drops) tumble and wide operating temperature range, the PM100 stands up to any demanding application.

Features

➢ Microsoft Windows CE 5.0

➢ Marvell PXA300 624MHz

➢ Integrated 802.11 b/g WLAN radios

➢ Integrated Bluetooth v2.0 radio

➢ 1D and 2D bar code scanning options

➢ 1.2m (4 ft) drop resistance

➢ IP54 protection class

➢ 500 times tumble at 1.0m (1,000 drops)

➢ 2.4", TFT LCD, QVGA (240x320) color with touch screen

➢ Ergonomic, compact and robust

➢ Comfort and easy to use with 25 degree for 1D and 2D tilted scanning angle to down side.

www.pointmobile.co.kr

PM100

Specifications

PHYSICAL CHARACTERISTICS

DIMENSIONS	157 x 57 x 25.3mm/6.18 x 2.24 x 0.99 in. at grip: 50 mm / 1.96 in.(W)
WEIGHT	228 g / 9.1oz (incl. battery pack)
DISPLAY	2.4 in. QVGA (240 x 320 pixels), 65K color TFT-LCD backlight, touch screen (Option)
EXPANSION SLOT	User accessible Micro SD Card up to 32GB with SDIO support

PERFORMANCE

OPERATING SYSTEM	Windows CE 5.0
MICROPROCESSOR	Marvell® PXA300 624MHz
SYSTEM RAM MEMORY	64MB
SYSTEM ROM MEMORY	128MB

WIRELESS DATA COMMUNICATION

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

SERIAL COMMUNICATION

INTERFACES	Full speed USB 1.1 from cradle (or I/O cable): RS232 (115 Kbps) from cradle

POWER MANAGEMENT

POWER SUPPLY	Standard Battery: 3.7V, 2,200mAh Li-ion Extended Battery: 3.7V, 3,300mAh Li-ion
ADAPTOR	5V 2A, 100/240V AC

AUDIO

AUDIO	Programmable buzzer 1KHz – 4KHz

INTEGRATED SCANNER

SCANNER	1D Laser or 2D Imager (optional)

USER ENVIRONMENT

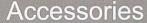|	
OPERATING TEMPERATURE	-10°C ~ 50°C (14°F ~ 122°F)
STORAGE TEMPERATURE	-20°C ~ 70°C (-4°F ~ 158°F)
HUMIDITY	95% humidity, non-condensing
DROP RESISTANCE	Withstand multiple 1.2 meters (4 ft) drops onto concrete
TUMBLE	500 times at 1.0m (1,000 drops)
ENVIRONMENT SEALING	IP54 standard for water and dust resistance
ESD	+/-8kV contact; +/-15kV air

STANDARD ACCESSORIES

	STD battery, Stylus pen, Lanyard Belt clip, AC Adaptor

Accessories

Single Slot Cradle

4-Slot Battery Charger

High Capacity Battery Pack with Cover
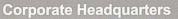

Swivel belt clip
(Comes with terminal)

Microsoft® **Windows** Embedded™   **WiFi**®   **Bluetooth**®   KC   CCC   R   RoHS

POINT *mobile*