PM100

**Robust
Lightweight
Ultra Compact**

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.

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.

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 Core
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)