

PT980- II Series

1D/ 2D CMOS Ruggedized Mobile Computer



PT980-II is a compact and ruggedized mobile data terminal / PDA, with advanced data acquisition technology and wireless communication function. It is the best choice for application in warehousing, logistics, parking, delivery, food source tracking, inventory control and health care environments.

The ergonomic and durable design (IP54 sealing and 1.2m drops to concrete) ensures an excellent device with a long lifespan, even in the most dynamic and accident-prone conditions.

Multiple data acquisition options, including 1D laser, 1D CCD, 2D Image, and Infrared Ammeter Reading, are available to choose from. Meanwhile, WiFi transmission function makes it easier to transfer data to distant devices.

Product Features

- **High Performance**
Marvell PXA270, 520MHz high-speed CPU.
- **Microsoft Windows CE 6.0**
A user-friendly operation system, simplifies custom application development.
- **Multiple Communication Modes**
Supports USB/RS232 & WiFi
- **Data Backup & Recovery**
Supports data recovery and batch duplication.

Specifications

Performance		
Processor		PXA270, 520MHz CPU
Memory		128MB RAM, 128MB ROM
Operation System		Microsoft Windows CE6.0
Interface		RS-232, USB1.1 (support USB charge)
Physical		
Dimensions (L x W x H)		156x 72 x 31 mm (6.2 x 2.8 x 1.2 inch)
Weight		250g (Including battery)
Display		2.83" QVGA (240 x 320) touch screen with backlight
Keyboard		25 Keys Numeric with backlight
Notification		Vibrator, Beeper and LED
Battery	Main	3.7V, 2400mAh, Rechargeable Li-Polymer battery (Support working time up to 18 hours)
	Backup	3.7V, 150mAh, Rechargeable Li-Polymer battery (Support data backup up to 170 hours)
Expansion		Mini-SD slot, support memory card up to 32GB
Power Adaptor		Output: DC 5V, ≥ 1.5A; Input: AC 100~240V, 50~60Hz
Environmental		
Operation Temperature		-10°C ~ 50°C (14°F ~ 122°F)
Storage Temperature		-20°C ~ 60°C (-4°F ~ 140°F)
Humidity		5% ~ 95% (Non-condensing)
Static Discharge		±8 KV (Air discharge), ±6KV (Direct discharge)
Drop		1.2 m drop to concrete
Environmental Sealing		IP54 sealing
Barcode/ RFID		
1D Laser (≥ 6 mil)		Code128, EAN-13, EAN-8, Code-39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5,
1D CCD (≥ 4 mil)		ISBN/ISSN, Code 93, etc.
2D CMOS (≥ 5 mil)		All 1D bar codes as well as common 2D bar codes like PDF417, QR Code, Data Matrix, Maxi code, Aztec, etc.
Wireless		
WLAN		Summit IEEE 802.11 b/g, security support EAP, WEP, WPA, WPA2, 802.1X
Certificates		
FCC Part15 Class B, CE EMC Class B, CCC		
Accessories		
Cradle, Battery, Adaptor, USB cable, Stylus Pen		

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* Specifications are subject to change without notice.* V.1.0.2

