

NLS-PT980- II Series

1D/ 2D CMOS Ruggedized Mobile Computer



NLS-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.
- **Multiple Communication Modes**
Supports USB/RS232 & WiFi
- **Microsoft Windows CE 6.0**
A user friendly operation system, simplifies custom application development.
- **Data Backup & Recovery**
Support 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	

Contact Us:

Newland EMEA
+31 (0) 345 87 00 33
info@newland-id.com

Newland Nordic Branch
+46 (0) 708 847 767
goeran@newland-id.com

Newland South Africa Division
+27 (0) 11 553 8010
info@newland-id.co.za

Newland UK Branch
+44 (0) 1442 212 020
info@newland-id.co.uk

Newland France Branch
+33 (0) 160 707 974
info@newland-id.fr

Newland Middle East Branch
+96 (0) 655 500 9610
shuja.rahman@newland-id.com

Newland Niederlassung D-A-CH
+49 (0) 294 298 76758
info@newland-id.de

Newland Italy Branch
+39 (0) 335 773 0521
cristiano@newland-id.com

Newland Ibérica Branch
+34 (0) 93 303 74 66
info@newland-id.es

www.newland-id.com

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

