

# NLS-PT80 Series

## Mobile Data Terminal



This durable industrial portable terminal adopts Linux operation system and Microsoft Visual Studio 2005 embedded add-on kits. The 8 level gray monochrome screen and large keyboard design strengthens its economy and practicability. IP54 design could be applied widely, such as in light industry, retailing, warehouse, logistics and distribution center.

### Product Features

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- **High Performance**  
400MHz High-speed CPU.
- **Wireless Communication**  
Supports WiFi(IEEE 802.11 b/g)/Bluetooth.
- **Data Transmission**  
Plug and Play mechanism supports direct data transmission with PC without any driver pre-install.
- **Large Memory Capacity**  
32MB SDRAM / 128MB FLASH (80MB for user storage).
- **Industrial Design**  
IP54 sealing, 1.2m drop protection.
- **Software Kit for Common Applications**  
Integrated with many software utilities for common applications, greatly reducing the development cycle and providing great convenience for user.

## Specifications

Performance		
Processor	ARM9 400MHz CPU	
Operation System	Linux compliance operation system	
Memory	32MB SDRAM	
	128MB FLASH (80MB for user area)	
Interface	RS-232, USB , support USB charge	
Physical		
Dimensions (L x W x H)	168.5 x 65 x 39.5 mm / 6.6 x 2.5 x 1.5 inch	
Weight	270g (Including battery)	
Display	8 level gray monochrome screen, 160 x 160 resolutions	
Keyboard	26 Keys Numeric with auto backlight	
Notification	Vibrator, Speaker and LED	
Battery	Main	3.7V, 2300mAh, Rechargeable Li-Polymer battery
	Backup	3.7V, 150mAh, Rechargeable Li-Polymer battery
Power Adaptor	Output: DC5V, ≥1.5 A; 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	±14 kV (Air discharge), ±8 kV (Direct discharge)	
Drop	1.2 m drop to concrete	
Environmental Sealing	IP54 sealing	
Barcode		
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 and PDF-417, QR Code, Data Matrix, Maxicode, Azte, etc.	
Wireless		
WLAN	IEEE 802.11 b/g, security support EAP, WEP, WPA, WPA2, 802.1X	
WPAN	Bluetooth 2.1 + EDR	
Application Tool Kits		
Support Microsoft Virtual Studio 2005 Embedded add-on kits and Emulation tool		
Certificates		
FCC Part15 Class B, CE EMC Class B, CCC		
Accessories		
Cradle, Battery, Adaptor, USB cable		

## Contact Us

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\*Specifications are subject to change without notice.\*

