

# NLS-PT30 Series

## Mobile Computer



The light design multi-functional and IP54 rugged industrial mobile computer, with 2.83" sunlight readable screen, adopts Microsoft Windows CE.NET 6.0 as well as high-speed CPU of Marvell XScale PXA310 806MHz and 2GB large user flash memory for data storage. PT30 supports WiFi/Bluetooth/GSM/GPRS and is quite suitable for applications such as supermarket, logistics, parking, delivery and inventory management.

### Product Features

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- **High Performance**  
Marvell XScale PXA310 806MHz High-speed CPU.
- **Large Memory Capacity**  
256MB RAM 128MB ROM, extra 2GB flash memory for user storage area.
- **Application Protection Mechanism**  
Vendor ID Application Protection Mechanism to protect the applications developed by Vendors.
- **Wireless Communication**  
Supports WiFi/Bluetooth/GSM/GPRS.
- **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 convenience for user.

## Specifications

Performance		
Processor		Marvell XScale PXA310, 806MHz CPU
Operation System		Microsoft Windows CE.NET 6.0
Memory		256MB RAM
		128MB ROM for system area
		2GB flash memory for user storage
Interface		RS232, USB 2.0, support USB charge
Physical		
Dimensions (L x W x H)		189.5 x 76 x 45 mm (7.5 x 3 x 1.7 inch)
Weight		382g (Including battery)
Display		2.83" QVGA with backlight TFT Touch screen LCD, support sunlight readable
Keyboard		30 Keys Numeric with backlight
Notification		Vibrator, Speaker and LED
Battery	Main	3.7V, 3000mAh Rechargeable Li-Polymer battery
	Backup	3.7V, 150mAh Rechargeable Li-Polymer battery (support 50hours data backup)
Expansion		MicroSD memory slot
Power Adaptor		Output: DC 5V, ≥ 1.5A; Input: AC 100~240V, 50~60Hz
Environmental		
Operation Temperature		-10°C to 50°C (14°F to 122°F)
Storage Temperature		-20°C to 60°C ( -4°F to 140°F)
Humidity		5% ~ 95% (non-condensing)
Static Discharge		±15 kV (Air discharge), ±8 kV (Direct discharge)
Drop		1.2 m drop to concrete
Environmental Sealing		IP54 sealing
Barcode / RFID		
1D Barcode	Laser (≥ 6 mil)	Code128, EAN-13, EAN-8, Code-39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5,
	CCD (≥ 4 mil)	ISBN/ISSN, Code 93, etc.
2D Barcode	CMOS (≥ 5 mil)	ALL 1D and PDF-417, QR Code, Data Matrix, Maxicode, Aztec, etc.
RFID		HF 13.56MHz
Wireless		
WLAN		Summit IEEE 802.11 b/g, security support EAP, WEP, WPA, WPA2, 802.1X
WWAN	2G	GSM/GPRS (850, 900, 1800, 1900 MHz)
	3G	WCDMA (850, 900, 1800, 1900, 2100 MHz) or (900, 1800, 1900, 2100 MHz)
WPAN		Bluetooth Class II V2.0
Others		
GPS, Camera, Far Infrared, UHF RFID (Gen 2)		
Certificates		
FCC Part15 Class B, CE EMC Class B, CCC		
Accessories		
Cradle, Battery, Adaptor, USB cable, Stylus Pen		

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