

NLS-MT70



Portable (barcode) Data Collector



The multi-functional and IP65 rugged industrial mobile computer, with 3.5" sunlight readable screen, adopts Microsoft Windows CE.NET 6.0 operation system, as well as high-speed CPU of Marvell XScale PXA310 806MHz, 2GB large user flash memory and the module design provides convenience for customization. MT70 supports WiFi/Bluetooth/GSM/GPRS wireless communication, is quite suitable for applications such as warehouse, logistics, parking, delivery etc.

Product Features

- **High Performance**
Marvell XScale PXA310 806MHz High-speed CPU.
- **Large Memory Capacity**
256MB RAM 128MB ROM, extra 2GB flash memory for user storage area.
- **Software Kit for Common Applications**
Integrated with many software utilities for common applications, greatly reducing the development cycle and providing convenience for user.
- **Wireless Communication**
Supports WiFi/Bluetooth/GSM/GPRS.
- **Large Display Screen**
The large 3.5" touch screen gives visual enhancement and support outdoor sunlight readable.
- **Application Protection Mechanism**
Vendor ID Application Protection Mechanism to protect the applications developed by Vendors.

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	RS-232, USB 2.0, support USB charge	
Physical		
Dimensions (L x W x H)	170.5 x 85 x 54 mm (6.7 x 3.3 x 2.1 inch)	
Weight	454g (Including battery)	
Display	3.5" QVGA with backlight TFT Touch screen LCD, support sunlight readable	
Keyboard	33 Keys Numeric with backlight (QWERTY optional)	
Notification	Vibrator, Speaker and LED	
Battery	Main	3.7V, 3300mAh 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 ~ 50°C (14°F~ 122°F)	
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	
Humidity	5% ~ 95% (non-condensing)	
Static Discharge	±15 kV (Air discharge), ±8 kV (Direct discharge)	
Drop	1.5 m drop to concrete	
Environmental Sealing	IP65 sealing	
Barcode / RFID		
1D Barcode	Laser (≥ 4 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 (default: ISO14443 A/B) (optional: ISO15693)	
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		
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.

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