NLS-MT70 Series

Mobile Computer

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, UHF 2.4GHz

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

Contact Us

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Specifications are subject to change without notice.