



Overview:

Being one of the most ruggedized handheld computing terminals, NephSystem N260 industrial graded and Rugged PDA is an ultra-rugged and compact handheld computer with a powerful CPU and Microsoft Windows CE 6.0 Operating System. With its highly durable and rugged design, N260 can withstand drops from 1.8 meters (five feet) to polished concrete as well as with its features of dust and water resistant (IP65 rating), N260 creates the most performance and reliability to most applications such as Asset Tracking, Livestock Tracking, Warehousing and Manufacturing, Shop Floor, Healthcare, etc.

The N260 incorporates a 3.5" trans-reflective LCD with touch screen, keypad, Wi-Fi and Bluetooth communication capability. Optional peripherals, such as GPS, GSM Quad-band 850/900/1800/1900MHz, GPRS, EDGE/WCDMA 850/900/1900/2100MHz HSDPA, Low Frequency of 125KHz RFID component, Low Frequency of 134.2KHz HDX and FDX RFID component, High Frequency of 13.56MHz RFID component, 860~960MHz UHF Gen 2 RFID module, 1D/2D Barcode, Fingerprint, Camera are also available. NephSystem N260 and its peripherals are smart handheld devices that boast enhanced wireless communication and data capture functionalities.

Main Features:

- ❖ IP65 rated and Ultra-Rugged Design
- ❖ High Definition 3.5" TFT LCD
- ❖ Windows CE 6.0 based Operating System
- ❖ Built-in Wi-Fi (IEEE 802.11a/b/g/n compliant)
- ❖ Built-in Blue tooth (2.0)
- ❖ Optional high performance 1D/2D Barcode scanner
- ❖ Optional GPS
- ❖ Optional GSM /GPRS/EDGE/HSDPA
- ❖ Optional 125KHz Low Frequency RFID capability
- ❖ Optional 134.2KHz ISO/IEC 11784/5 HDX and FDX Dual Mode Low Frequency RFID capability
- ❖ Optional 13.56MHz ISO14443, ISO15693 High Frequency RFID capability
- ❖ Optional 860~960MHz UHF Gen 2 RFID with RSSI capability
- ❖ Free SDK provided including .NET (VB/C#) sample codes



NephSystem Technologies

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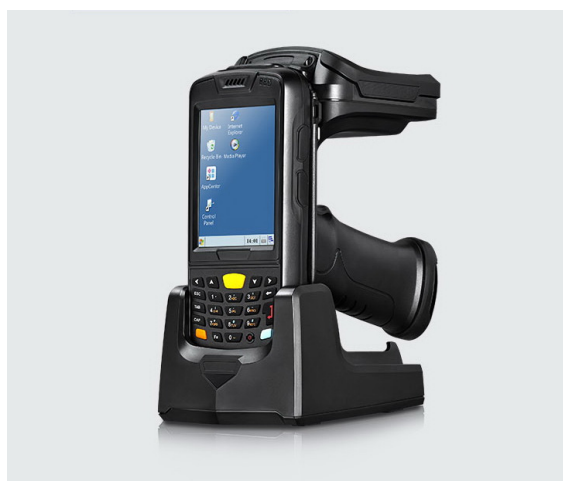
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NephSystem N260 Rugged PDA



Specifications:

Processor	Cortex A8 800MHz	
Operating System	Windows CE 6.0	
Memory	256MB DDR RAM; 4G ROM	
Display	3.5 inch colour high definition display	
Wireless	Built-in WLAN 802.11a/b/g/n Built-in Blue tooth class 2.0 Optional GSM /GPRS/CDMA/EDGE/HSDPA Optional GPS	
Optional 125KHz RFID	EM compatible 64 bits, ASK Manchester coding	
Optional 134.2KHz RFID	ISO/IEC 11784/5 FDX and HDX	
Optional 13.56MHz RFID	ISO14443A/B Mifare, Ultralight, ISO 15693, I-code SLI, etc.	
Optional EPC Class 1 Gen 2, ISO18000-6C RFID	Frequency	860~960MHz; Software Adjustable
	Output Power	Max. 30dBm
	Antenna Gain	4dBi
	Antenna Polarization	Circular
	Reading Distance	Up to 8 meters (tags dependent)
Optional 1D/2D Barcode	Honeywell N4313 or Zebra SE965 Barcode scanner	
Audio	Built-in Speaker	
Main Battery	Rechargeable Li-Polymer Smart Battery (3200 mAh)	
IP Rating	IP65 (five feet drop to concrete); Dust/Water resistant	
Dimension & Weight	192 x 87 x 151(mm) / 7.56 x 3.43 x 5.94(in) / 740g	
Environment	Operating Temperature: -4°F to 122°F / -20°C to 50°C Storage Temperature: -40°F to 158°F / -40°C to 70°C	
Certificates	CE, RoHS, FCC, cUL/UL	



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