



## Overview:

NephSystem N320 rugged handheld computing device is designed to combine together with data capture, voice and data communications in one compact and handheld device. It has an IP54 rating and also capable of integrating all peripherals into one device, such as Barcode scanner, 13.56MHz RFID module, 125KHz RFID module, 134.2KHz FDX RFID module, GPS, GPRS, Camera, Wi-Fi, Bluetooth, etc. This flexible, handheld computer terminal is an ideal choice as an RFID, barcode Reader/writer and has been proven successful in a number of applications including asset tracking, livestock tracking, warehousing and manufacturing, shop floor, physical distribution management, medical field etc. N320 is highly durable and rugged and can withstand drops from five feet to polished concrete or shock and vibration consistent with a truck or forklift mount. It is well suited for harsh environments with an IP54 rating making it dust and water resistant.

## Main Features:

- ❖ Runs Windows Mobile 6.5
- ❖ IP54 Rated
- ❖ Offers 533MHz processor with 128 MB SDRAM  
And 256M flash ROM
- ❖ Built-in Wi-Fi 802.11 b/g capability
- ❖ Built-in Bluetooth Capability
- ❖ Built-in on-board keypad
- ❖ Built-in Mini SD slot
- ❖ Built-in Barcode scanner
- ❖ Built-in 13.56MHz ISO14443A RFID
- ❖ Built-in GPRS/GSM
- ❖ Optional 125KHz RFID
- ❖ Optional 134.2KHz RFID (FDX)
- ❖ Optional GPS
- ❖ Optional Camera



## Specifications:

Operating System	Windows Mobile 6.5
Processor Type	533MHz
Memory	256MB Flash ROM; 128MB SDRAM
Dimension (W x D x H)	152 x 68 x 27 mm
Weight	180g
Audio	Integrated microphone, Built-in Speaker
Display	3.2" QVGA TFT; touch screen, resolution 320x240 dpi
Input Devices	Support USB Mouse, USB keyboard
Battery	Rechargeable High-Capacity 2500 mAh Battery
Operating Temperature	-10°C to 45°C
Storage Temperature	-20°C to 55°C
Humidity	5%~95% RH

### NephSystem Technologies

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