



# NCR RealPOS™ 80 POS Terminal

Leading  
Serviceability,  
Maximum  
uptime



- Simple "tool-free" service
- Outstanding expansion
- Easy upgradeability
- Open, scalable components
- Exceptional investment protection

## Tool-free Serviceability

The NCR RealPOS 80 is the first POS terminal to deliver comprehensive tool-free maintenance of electronic components. Forget the screwdriver, the only tool you'll need is your hands. Secure and easy access to system components such as disk drives, motherboard and memory is possible from the electronics sled in the front of the terminal. In fact, every NCR RealPOS 80 component is easily accessible without removal of peripherals, terminal enclosure or screws.

The NCR RealPOS 80 is as simple to configure as it is to service. It can be configured for either modular or integrated environments, function as a traditional POS or self-service device, and supports a wide range of peripheral options – including printers, displays and keyboards – packaged to fit any wrap-stand environment.

## Superior Expandability

Most POS systems have a life span of 5-7 years. To extend the product life and maximize investment, the NCR RealPOS 80 offers incomparable expansion and

connectivity capabilities. With a generous supply of RS-232 and powered USB interfaces, you can protect your investment in legacy serial devices or choose from a growing list of USB peripherals. Flexibility also extends to your choice of displays, as the NCR RealPOS 80 includes both analog (VGA) and digital (DVI-I) video interfaces. And, with integrated audio capabilities, you can easily implement new multimedia applications.





## Embedded Components Protect Your Investment

Retailers typically drive a long useful life from their POS workstations and the NCR RealPOS 80 is designed to deliver. Utilizing embedded (or long life) components from our suppliers such as Intel, the NCR RealPOS 80 provides a stable, consistent platform for rollout as well as years of lasting service.

## Easy Upgradeability

The NCR RealPOS 80 facilitates tomorrow's performance requirements by allowing for easy field upgradeability of system components. For example, memory can be added in less than a minute via the front accessible electronics sled. With high-powered Intel® processors, multi-media capabilities and high speed LAN connectivity, the NCR RealPOS 80 is highly scalable as well, going beyond a mere transaction device and allowing retailers to implement the latest POS applications.

## Power and Cable Management

The NCR RealPOS 80 is designed to connect and power multiple peripherals in a neat and orderly way. The terminal's design allows for peripheral cabling to be hidden from view, and peripherals are powered through the terminal's robust power supply.

## Open, Scalable Platform Expands Software Choices

The versatile NCR RealPOS 80 offers a range of performance levels, expansion options, and peripherals, supporting both thin and thick-client architectures. This open, scalable platform provides maximum flexibility, allowing retailers to run proven DOS applications, or select from POS solutions for Microsoft®Windows® and Linux.

## NCR Services

Our responsive global professional consulting and customer services team can help you protect and optimize your investment even further, offering a complete portfolio of consulting, development, integration, maintenance and support services.

For more information, visit [www.ncr.com](http://www.ncr.com), call 866.431.7879, or email [retail.contactus@ncr.com](mailto:retail.contactus@ncr.com).



## Technical Specifications

### Series 4000

|                                |  |
|--------------------------------|--|
| <b>Processor</b>               | <ul style="list-style-type: none"> <li>• Intel Celeron 2.5 GHz</li> <li>• Intel Pentium 4 2.4 GHz</li> <li>• Intel Pentium 4 2.8 GHz</li> </ul>  |
| <b>Memory</b>                  | <ul style="list-style-type: none"> <li>• 256MB – 2GB DDR266 SDRAM</li> <li>• Two DIMM sockets</li> </ul>   |
| <b>Video Memory</b>            | <ul style="list-style-type: none"> <li>• Up to 64MB</li> <li>• Shared with system memory</li> </ul>  |
| <b>Expansion</b>               | <ul style="list-style-type: none"> <li>• Three PCI slots</li> <li>• Hard disk drive (Ultra DMA)</li> <li>• Dual HDD capable (Ultra DMA)</li> <li>• Optional integrated 1.44MB flex disk</li> <li>• Integrated CD-ROM drive</li> <li>• Compact flash memory</li> </ul>  |
| <b>Connectivity</b>            | <ul style="list-style-type: none"> <li>• Six USB Ports (1-24V/3-12V/2-5V)</li> <li>• Four external RS-232 ports (3 powered)</li> <li>• DVI-I Digital Visual Interface and VGA (analog CRT/LCD)</li> <li>• Dual display support standard</li> <li>• Stereo audio in/out</li> <li>• Mic In</li> <li>• Ethernet 10/100 (onboard LAN)</li> <li>• PS/2 keyboard port</li> <li>• PS/2 mouse port</li> <li>• Cash drawer port (2 drawers w/ 'Y' cable)</li> <li>• Wireless ready</li> </ul> |
| <b>Operating Systems</b>       | <ul style="list-style-type: none"> <li>• Windows 2000 Professional</li> <li>• Windows XP Professional</li> <li>• Windows XP Embedded</li> <li>• Windows NT 4.0</li> <li>• Windows Embedded for Point of Service (WePOS)</li> <li>• Novell Linux (NLPOS)</li> </ul>   |
| <b>Color Options</b>           | <ul style="list-style-type: none"> <li>• Beige</li> <li>• Charcoal grey</li> </ul>   |
| <b>Physical Dimensions</b>     | <ul style="list-style-type: none"> <li>• Width 18.25" (46.4cm)</li> <li>• Depth 21.29" (54.1 cm)</li> <li>• Height 4.75" (12.1 cm)</li> </ul>  |
| <b>Electrical Requirements</b> | <ul style="list-style-type: none"> <li>• Power supply</li> <li>• 100-127 VAC or 200-240 VAC</li> <li>• 50-60Hz</li> </ul>  |
| <b>Compliant Standards</b>     | <ul style="list-style-type: none"> <li>• RoHS, WEEE</li> </ul>   |

# NCR RealPOS™ 80

## POS Terminal

### Peripherals:

|                         |   |
|-------------------------|---|
| <b>Printers</b>         | <ul style="list-style-type: none"><li>• NCR RealPOS 7167/7158 multi-function printer (thermal receipt printers w/ impact slip)</li><li>• Optional MICR, checkflip, check imaging on 7167</li><li>• NCR RealPOS 7197/7194 thermal receipt printers</li><li>• Fiscal printers</li></ul>   |
| <b>Displays</b>         | <ul style="list-style-type: none"><li>• NCR RealPOS 5953 12.1" color DynaKey</li><li>• NCR RealPOS 5964 12.1" &amp; 15" color touchscreen</li><li>• NCR RealPOS 5942 12.1" &amp; 15" color LCD display</li><li>• NCR RealPOS 5982 5" monochrome LCD display</li><li>• 9" monochrome CRT</li><li>• NCR RealPOS 5972 2x20 LCD display</li><li>• NCR RealPOS 5975 2x20 and Graphical VFD display</li></ul> |
| <b>Retail Keyboards</b> | <ul style="list-style-type: none"><li>• NCR RealPOS 5932 64-key POS keyboard</li><li>• NCR RealPOS 5932 POS/alphanumeric keyboard</li><li>• NCR RealPOS 5932 78-key POS keyboard</li><li>• NCR RealPOS 5932 compact POS/alphanumeric keyboard</li></ul>   |
| <b>Cash Drawers</b>     | <ul style="list-style-type: none"><li>• Compact</li><li>• Mid-range</li><li>• Full-size</li></ul>   |
| <b>Scanners</b>         | <ul style="list-style-type: none"><li>• NCR RealScan 37 Linear Imaging Scanner</li><li>• NCR RealScan 38 Area Imaging Scanner</li><li>• NCR RealScan 72 Bi-optic Scanner/Scale</li><li>• NCR RealScan 76 Bi-optic Scanner/Scale</li><li>• NCR RealScan 83 Convertible Scanner</li><li>• NCR RealScan 92 Bi-Modal Presentation Scanner</li></ul>   |
| <b>Payment Devices</b>  | <ul style="list-style-type: none"><li>• NCR 5945 Electronic Payment Terminal</li><li>• NCR 5992 Signature Capture Plus</li><li>• NCR 5993 Advanced Payment Terminal</li></ul>   |

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