NCR VOYIX

The NCR Voyix POS Terminal VX80

Exceptional performance and durability in a compact modular POS system

The new modular NCR Voyix POS Terminal VX80 combines the latest Intel® Generation-14 processor technology with elite versatility and security. Despite its compact size and small footprint, the VX80 is *the* most powerful POS modular terminal in its class, with the stubborn toughness to give you years of lightning performance, low-cost operation and future-proofed flexibility to adapt to the ever-changing demands of today's retail.

To precisely fit your current and future needs, our new flagship modular terminal gives you the choice of Core™ i3 and Core-i5 CPUs from Intel's powerful Raptor Lake stable. These newest "S–Refresh" models feature higher clock speeds and core counts, delivering the ultimate in performance.

Then the VX80 adapts to your precise needs with additional choices for memory, operating systems, single or a dual solid-state drives (SSDs) with support for M.2 SATA, NVMe and RAID — plus a full range of powered USB and serial I/O ports.

To speak with someone or for more information, visit us at ncrvoyix.com.

- Compact, ruggedized modular retail terminal with across-the-board technology options for **your** perfect fit.

- Highest-available performance with Intel's Gen-14 Raptor Lake S–Refresh CPUs

- Secure powered USB, powered serial, USB type C and DisplayPort peripheral I/O connections

- Multiple solid-state drive (SSD) storage choices and RAID support

- Outstanding service features including quick- access housing and image recovery button

- Advanced systems management capabilities with NCR Voyix Digital Connected Services

UNMATCHED VERSATILITY AND SIMPLICITY

Up to 50% smaller than traditional POS terminals in its class, the NCR Voyix POS Terminal VX80 will fit the tightest checkstand spaces. Its wall-mount option is further enhanced by the VX80's DisplayPort and USB type C interface support, which not only dramatically simplifies connections but also ensures your counters will stay clear of cable routing issues. Either way, its unique ability to "add by subtracting" clutter and complexity will enhance the good looks of your countertop hardware and displays.
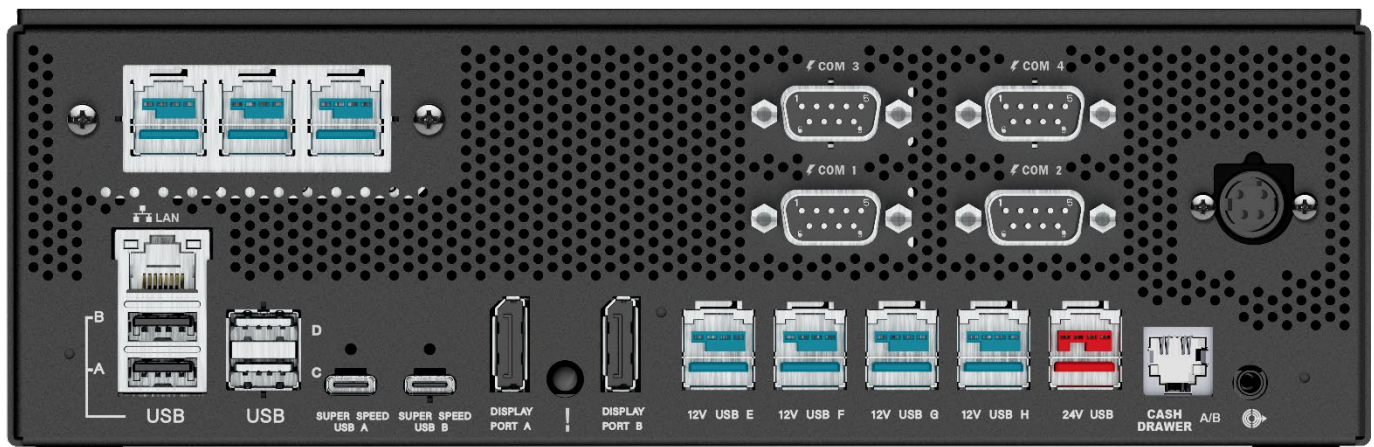
You'll convey that same quality to your shoppers, who will take home the sleek and smooth checkout experiences you provide.

And under the counter? More versatility: Driving four simultaneous displays, the VX80's terminal's comprehensive 21-23 ports and interfaces give you wall-to-wall flexibility to support even the longest list of legacy, current and future peripherals.

Just as important as its superb design, the VX80's exceptional versatility, ruggedness and unsurpassed data security delivers the key answers to help you thrive in today's high-risk interconnected world.

Just pick up the VX80 and check out how it's put together: That's all it will take to recognize immediately how NCR Voyix packed 140 years of retail experience into the VX80's form, materials and construction.

The total result: Our top-of-the-line modular terminal with the outstanding capacity, flexibility and power to deliver you more than anything else in the business. Paired with NCR Voyix software or your own homegrown applications, the VX80 can anchor almost any point-of-sale technology stack — and those still waiting to be imagined.

ENGINEERED FOR DEMANDING RETAIL ENVIRONMENTS...

The VX80 carries forward the rich heritage of NCR Voyix innovation, adaptability, unrelenting toughness and sheer capability. Its potent performance and ultimate flexibility will serve your business deep into your planned — and your still yet-to-be-planned — future.

NCR Voyix has spared no effort in building our new flagship modular terminal. From the ground up, the VX80 was purpose-built and designed specifically for the rigors of retail.

Every detail shows smart decisions — like how its interior layout and air flows were engineered to prevent dust and contaminant buildup. The design also avoids hot spots that could compromise performance or reliability. All materials in the VX80 — down to component level — were carefully chosen for long life cycles and reliability.

Then comes the proof: The VX80 was subjected to a severe battery of environmental, ESD, power, electromagnetic radiation and reliability tests until it could survive well beyond regulatory and typical industry standards.

Next (like all NCR Voyix terminals) the VX80 is put through certification testing across multiple operating system environments. And there's also the mandatory system-level testing with NCR Voyix peripherals to ensure optimum POS system performance overall.

Our additional long-run environmental and compatibility testing exceeds the usual industry and regulatory standards, but it's part of the reason your VX80 terminals will deliver years and years of dependable operation.

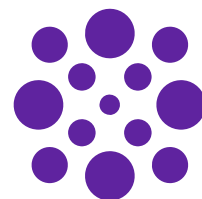## ... AND THEN THRIVING IN THOSE ENVIRONMENTS

Sometimes it's about the crucial fine points that many others don't consider. The VX80 uses improved locking connectors and cables for example, because this eliminates almost all failures from intermittent connections. Meanwhile, the terminal's on-board odometers help maximize up-time by proactively monitoring activity and supporting actual failure-prevention operations.

The VX80 also features image recovery, which maintains a copy of your operation's preferred "gold" terminal image. So in case of software corruption, application file damage or even Windows® "blue-screen" events, the VX80 quickly restores your backup image with the touch of a button.

Intel Active Management Technology is available with Core i5 CPU models to enable monitoring, upgrades — even some software fixes — from a remote support center. And if on-premise service is ever needed, the VX80's enclosure and I/O cabling layout provide quick and simple access that reduces turnaround times to a bare minimum.

The point of all this: You can successfully achieve or exceed your VX80 ROI expectations across your entire estate.

IN A NUTSHELL

✓ The VX80 is fast, flexible and relentlessly reliable. It saves space and it saves money.

✓ You will find it to be an outstanding choice for any modular retail checkout environment.

✓ Combine it with the extensive family of NCR Voyix displays, printers, scanner/scales, cash drawers and retail peripherals for a complete POS solution customized to meet your own unique requirements.

TECHNICAL SPECIFICATIONS

Product dimensions

WIDTH	10"	(255 mm)
DEPTH	8"	(202 mm)
HEIGHT	3.2"	(82 mm)
WEIGHT	7 lb	(3,18 kg)

Processors
- Intel Core i5-14500T (Gen 14) w/Intel vPro® technology
- Intel Core i3-14100T (Gen 14)

Motherboard technology
- Intel "Raptor Lake S Refresh" chipset
- On-board RAID support
- USB Type C support

Memory
- 8GB or 16GB DDR5 4800MT/s SODIMM
- Mix/match from 8GB up to 32GB in 2 slots

Storage options
- Single or Dual 120GB M.2 SATA solid-state drives
- Single or Dual 480GB NVMe solid-state drives
- RAID support
- 240GB NVME solid state driv

Service features
- Image recovery button
- Quick-access housing

Connections
- USB Ports
  - 4 x 5V USB 3.0 PC
  - 7 x 12V USB 2.0 (P-USB)
  - 1 x 24V USB 2.0 (P-USB) (for printer)
  - 2 x USB Type C
- 2 x Serial RS-232 (DB9M)
- 2 x Serial RS-232 (DB9M) *(additional/optional)*
- 2 x DisplayPort++
- 1 x Audio (amplified)
- 10/100/1000MB (Gigabit) Ethernet LAN
- Cash drawer port (24V with dual drawer support via "Y"— cable)
- WiFi support

Operating systems
- Windows 11 IoT Enterprise 2024 LTSC Embedded
- Windows 11 Professional
- SLES Linux
- NCR Voyix Linux U

Power
- External power supply
- 24VDC, 150W

International Certifications — NCR Voyix will supply and support products only where the necessary regulatory compliance and certifications have been established. For status, interested parties should check with NCR Voyix.