NCR CX7

Elite performance in a stunning POS system

Advancing restaurant operations, one cover at a time

NCR's relentless focus helps your staff creat exceptional experiences for your diners—by making your terminals better and better. The CX7's sleek design carries forward NCR's rich heritage of innovation, adaptability, unrelenting toughness and sheer capability. It blends seamlessly into any restaurant environment, but under its unobtrusive good looks hides a machine ready to respond instantly and keep you out of the weeds. The projected capacitive 10-point multi-touch screen never requires recalibration, and its gesture support accommodates the apps of today as well as those of tomorrow.

Your waitstaff will appreciate the CX7's lightning-quick speed and smooth, consistent "feel"—not to mention the razor-sharp anti-glare display that stays easy to read even in brightly-lit environments. Or say you'd prefer that the screen be less visible to your guests? The CX7's display flips over to face the other way between transactions for a cozy atmosphere. Very nice.

The CX7 couples this upscale design with best-in-class performance. Its exceptional versatility, ruggedness and unsurpassed data security delivers the key requirements to withstand today's high-risk interconnected world. And you will immediately recognize how the CX7's form, materials and flexibilit testify to NCR's 135 years of global experience.

The result: NCR's top-of-the-line solution with the outstanding style, capacity and power to deliver you more than anything else in the market. Paired with NCR's software—or your own applications—the CX7 will anchor whatever ultimate experience you wish to create.

Because one size doesn't fit all

NCR offers a variety of displays to meet the needs of every restaurant environment. A 15.6-inch wide-aspect display will be a likely choice, but consider also the larger 18.5-inch model for additional flexibility with on-screen real-estate. And for tighter spaces, a traditional 15-inch 4:3 screen option may create your perfect fit.

The CX7 can operate with its trim integrated stand, which hides all its peripheral connections neatly inside the base. These connections can also reside within the display head itself for pole or wall mounting. And for the ultimate in flexibility, the CX7's remote I/O option enables its comprehensive range of connections to be placed discreetly under the counter for the utmost in uncluttered elegance.

Investment protection you can count on

The NCR CX7 offers all the benefits of our previous XR7-Plus family, but provides an even greater level of performance. It's powered by 8th generation T-Series Intel® Core™ processor technology—an energy efficient powerhouse— to deliver the highest level of performance and investment protection. Integrated tools help complete the package, such as on-board odometers that capture vital health and usage statistics and an integrated operating system recovery button to allow for instant restoration after an application or operating system corruption.

The inner beauty and the bottom line

Don't let the CX7's sophisticated good looks fool you. Under that handsome surface resides all the toughness and reliability required to thrive in harsh service environments. Its rugged die-cast aluminum chassis, long life LCD display and projected capacitive touchscreen tell you that NCR has spared no effort in building our new flagship to last. And last. And last.

As with all NCR's products, the CX7 had to prove itself. Our demanding environmental and compatibility testing, along with exacting manufacturing standards, helps to ensure your NCR CX7 will provide years of dependable operation.

Key features

- High-performance 8th generation Intel Core™ Processor family with top-end T-Series CPUs
- Dramatic ultra-compact integrated retail terminal with sleek zero-bezel design
- Projected capacitive (PCAP) high-brightness anti-glare LCD with 10-point multi-touch
- Flexible mounting options: tabletop stand, pole or wall-mount; Remote I/O option
- Secure powered USB, powered serial, USB type C and DisplayPort peripheral I/O connections
- Advanced systems management capabilities with Intel AMT and NCR Command Center. Intel vPro® technology available with Core i5 models

Technical specifications

Product dimensions

Terminal with 15.6" LCD and table-top stand:

- WIDTH   15"   (379,9mm)
- DEPTH   7.63"   (193,8mm)
- HEIGHT   12"   (305,6mm)
- WEIGHT   10.85lb   (4,92kg)

Terminal with 18.5" LCD and table-top stand:

- WIDTH   17.90"   (454,7mm)
- DEPTH   8.35"   (212,2mm)
- HEIGHT   13.01"   (330,4mm)

Terminal with 15.6" LCD, no MSR and no stand:

- WIDTH   15"   (379,9mm)
- DEPTH*   1.22"   (31mm)
- HEIGHT   9.33"   (237mm)
- WEIGHT   4.0lb   (1,81kg)

  * Without hinge: Depth is 1.87" / 47,6mm with hinge

Processors

- Intel Core i5-8500T with Intel vPro® technology
- Intel Core i3-8100T
- Intel Celeron® G4900T

Motherboard technology

- Intel Q370 chip set ("Coffee Lake")
- On-board RAID support
- USB type C support
- Four (4) USB headers (for internal peripheral connections)

Memory

- 8GB up to 32GB DDR4-2400 in 2 slots

Storage options

- Single 120GB M.2 SATA solid-state drive
- Single 240GB or 480GB NVMe solid-state drive
- Dual/RAID 120GB M.2 SATA solid-state drives

Operating systems

- Windows 10 IoT Enterprise 2019 LTSC
- Linux SLES 15 or later
- NCR LinuxU (Ubuntu 20.x based)

Connections (Serial-oriented I/O in terminal stand*)

- USB ports
  - 2 x USB 3.0 5V PC
  - 1 x 12V powered USB (P-USB)
  - 1 x 24V powered USB (P-USB)
  - 1 x USB type C (to display head)
- 4 x Serial (RJ12)
- 2 x Serial (RJ45)
- 1 x DisplayPort
- 2 x Cash drawer port (12V / 24V)
- 10/100/1000MB (Gigabit) Ethernet LAN

*An alternate I/O option with with 2 additional 12V P-USB ports and 4 fewer serial ports is available

Displays

➤ 18.5" projected capacitive operator touchscreen with 16:9 aspect ratio, 1920x1080 (with Core i5 models only)

➤ 15.6" projected capacitive operator touchscreen with 16:9 aspect ratio, 1920x1080

➤ 15.0" projected capacitive operator touchscreen with 4:3 aspect ratio, 1024x768 resolution

- All operator screen sizes support 10-point multi-touch
- Operator display flip with a rotation gyro
- Customer displays: All-Points-Addressable graphical display; 7" or 10" color LCD touch or non-touch (XL7/XL10)
- All LCD displays: High-bright backlit with anti-glare
- Independent display I/O: Operator — internal connections Customer — DisplayPort

Integrated peripheral options

- 3-track encrypted MSR
- 2-in-1 key reader sign-in device (Addimat)
- Biometric fingerprint reader
- Wireless; 802.11 AC; Bluetooth (requires settings)
- Imaging scanner
- Stereo speaker

Other features

- Amplified internal speaker
- Image recovery button

Why NCR?

NCR Corporation (NYSE: NCR) is a leading software and services-led enterprise provider in the financial, retail, hospitality, small business and telecom and technology industries. We run key aspects of our clients' business so they can focus on what they do best.

NCR is headquartered in Atlanta, GA with 34,000 employees and solutions in 141 countries. NCR is a trademark of NCR Corporation in the United States and other countries.