



NCR CX5

Elite performance in a stunning POS system

Combining the latest Intel® 8th gen performance with elite durability in a superbly fan-less design—all in a dramatic and flexible new package to suit your operations

The retail industry is undergoing a transformation. Competition is fierce, and retailers are investing in every detail of the shopper experience for a competitive edge.

With store and checkout concepts being such an essential component of that experience, NCR's CX5 terminal is here to enable your own POS transformation. Fashioned expressly to enhance any store environment, its sleek and dramatic design carries forward NCR's rich heritage of innovation, adaptability, unrelenting toughness and sheer capability. The CX5's performance, many integrated features and ultimate flexibility will uniquely serve your business deep into your planned—and your yet-to-be-planned—future

The CX5 couples an upscale and dramatic integrated 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 CX5's form, materials and flexibility testify to NCR's 135 years of global experience.

This powerful yet value-priced solution gives you outstanding style, capacity and strength, more than anything else in its class. Paired with NCR's software—or your own homegrown applications—the CX5 will anchor whatever ultimate operator and shopper experience you create.

To speak with someone or for more information, visit us at [ncr.com/retail](https://www.ncr.com/retail).





Showing shoppers they matter

The NCR CX5 offers new head-flip capabilities. An internal sensor notifies your software to rotate the screen view when the CX head is flipped, enabling the cashier to present the screen to the shopper at any point during the transaction. The screen flip can show a message or even provide a self-service mode when the checkout is not attended by a cashier. It's just one more example of how you can leverage your POS assets to open great new avenues of customer interaction and satisfaction.

Because one size doesn't fit all

NCR offers a variety of matching displays to meet the needs of every commerce environment. Our small top-mount display is "all points addressable" (APA) to enable any character set or size. The 7" and 10" wide-aspect LCD displays offer superb bright and crisp color to draw the shopper's attention and ensure your messages and key marketing promotions get across and take hold. Even better, these customer displays can be touch-enabled to promote real-time interaction.

Standing alone

The CX5 can operate with its trim integrated stand, which hides all its peripheral connections neatly inside the base. For multi-lane supermarket environments, these connections can reside within the sleek display head itself for custom pole or wall mounting. And for the ultimate in flexibility, the CX5's remote I/O option enables its comprehensive range of connections to be stationed under the counter for the utmost in uncluttered elegance.

The inner beauty and the bottom line

Don't let the CX5's sophisticated good looks fool you. Under that handsome surface resides all the toughness and reliability required to thrive in harsh retail environments. Its rugged die-cast aluminum chassis, long life LCD display and projected capacitive touch-screen tell you that NCR has spared no effort in building the CX5 to last. And last. And last.

As with all NCR's POS products, the CX5 had to prove itself. Our demanding environmental and compatibility testing, along with exacting manufacturing standards, helps to ensure your NCR CX5 will provide years of dependable operation.

Key features

- Energy efficient, fan-less engineering with Intel® Celeron® Quad Core™ CPU
- 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, with remote or integrated I/O
- Secure, powered USB, powered serial, USB-C and Display Port peripheral I/O connections

Technical specifications

Processor

- Intel Quad Core J3455 (8th generation system-on-chip)

Motherboard technology

- Intel Celeron system-on-chip ("Apollo Lake")
- USB type C support
- Four (4) USB headers (for internal peripheral connections)

Memory

- 4GB to 8GB DDR3L 1600 RAM

Storage options

- 120GB Single M.2 solid-state drive (non-RAID)
- 240GB M.2 solid-state drive (non-RAID)

Integrated peripheral options

- 3-track encrypted MSR
- 2-in-1 key reader sign-in device (Addimat)
- Imaging 2-D scanner
- Biometric fingerprint reader
- Wireless; 802.11 AC

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 15.6" LCD, MSR and table-top stand:

- | | | |
|----------|--------|-----------|
| • WIDTH | 15.25" | (381,7mm) |
| • DEPTH | 7.63" | (193,8mm) |
| • HEIGHT | 12" | (305,6mm) |

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

Connections (USB-focused I/O in terminal stand*)

- USB ports
 - 2 x USB 3.0 5V PC
 - 3 x 12V powered USB (P-USB)
 - 1 x 24V powered USB (P-USB)
 - 1 x USB-C (to display head)
- 1 x Serial (DB9)
- 1 x Serial (RJ50)
- 1 x DisplayPort
- Cash drawer port (12 or 24 volt with dual drawer support)
- 10/100/1000MB (Gigabit) Ethernet LAN

*An optional serial-focused I/O replaces 2 of the 12V P-USB ports, the DB9 and RJ50 ports with 4xRJ12 plus 2xRJ45 serial ports

Displays

- 15.6" projected capacitive operator touchscreen with 16:9 aspect ratio, 1080 x1920 resolution (15" 4:3 display in future release)
- Supports 10-point multi-touch
- Operator display flip with a rotation gyro
- Shopper displays: All-Points-Addressable graphical display; 7" or 10" color LCD touch or non-touch (XL7/XL10)
- All LCD displays: High-bright 400-nit typical LCD-backlit anti-glare with 50,000 hours to ½ brightness
- Independent display I/O: Operator — internal connections; Shopper — DisplayPort

Other features

- Amplified internal speaker
- Image recovery button; Auto+ driver management
- Silent and reliable single-fan design

Operating systems

- Windows 10 IoT Enterprise 2019 LTSC
- Linux SLES 15 SP4 or later
- Android (future release)

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.

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