NCR CX3

For Aloha Essentials: Elite performance in a stunning POS system

High performance for a low cost

The first interaction guests have with your restaurant is at your POS, so it needs to set the tone for an exceptional experience. And NCR continues to help deliver this experience with the CX3 terminal. With a modern design that fits in any restaurant environment, it'll become a seamless addition. A sleek, fan-less, retail-hardened design maximizes reliability, carrying 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 CX3's lightning-quick speed and smooth, consistent "feel"—not to mention the display that stays easy to read even in brightly-lit environments.

And the best part? It all comes in a value-priced package for Aloha Essentials.

The CX3 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 CX3's form, materials and flexibility testify to NCR's 135 years of global experience.

This powerful yet low-cost solution gives you outstanding style, increased capacity and strength—more than anything else in its class.

Paired with NCR's Aloha software, the CX3 helps you create whatever ultimate operator and diner experience you choose to create.

Because one size doesn't fit all

NCR offers a variety of matching displays to meet the needs of every hospitality environment. Our small top mount guest display is "all points addressable" (APA) to enable any character set or size.

For your staff, the 15.6" wide-aspect LCD display offers bright and crisp detail to ensure easy and accurate interaction.

The CX3 can operate with its trim integrated stand, which includes a channel to route peripheral connections inside the base. These connections reside within the display head itself for pole or wall mounting.

More power with less

Use plenty of storage while still using energy-saving devices. The Solid State Drives don't have moving parts, allowing for fast processing and saved energy. Plus, an improved USB 3.0 increases data transfer rate with decreased power consumption. You can manage your business more efficiently—all while still saving energy.

Investment protection you can count on

The CX3 runs with the eight generation Intel® Whiskey Lake U Core™ SoC i3 onboard processor to deliver outstanding performance and investment protection. Integrated tools help complete the package, such as on-board odometers that capture vital health and usage statistics and operating system recovery to provide instant restoration after an application or operating system corruption.

The inner beauty and the bottom line

The CX3 has the capabilities to tackle your business on the busiest times—from gameday to Saturday to the holiday season. It's built to last in a harsh service environments with its die-cast aluminum, long life LCD display and projected capacitive touchscreen. And these capabilities are encased in a sleek, elegant terminal that can accentuate any restaurant's counter.

The CX3, like other NCR products, outdoes itself. Our demanding environmental and compatibility testing and exacting manufacturing standards help to ensure your NCR CX3 will support your operations for years.

Key Features

- Compact integrated retail terminal with zero bezel design

- Fan-less engineering with Solid State Drive improves reliability

- Projected capacitive (PCAP) LCD with 10-point multi-touch

- Flexible mounting options: tabletop stand, pole or wall-mount

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

NCR

Technical specifications

Processor
- 8th Generation Intel ® Whiskey Lake U
  - Core™ SoC i3-8145UE
  - Celeron® 4205U

Memory
- 8GB RAM; 8GB memory

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

Integrated peripheral options
- 2-in-1 key reader sign-in device (Dallas/Addimat)
- 3-track encrypted MSR
- Side car blank
- All-Points Addressable graphical display
- Biometric fingerprint reader

Connectivity
- 2 x RJ45 (12V/5V, 1A max)
- 6 x USB Total
  - 2 x USB 3.0 (+5V at 0.9A max.)
  - 4 x USB 2.0 (+5V at 0.9A max.)
- 1 x DisplayPort
- 1 x RJ12 Cash Drawer 24V (12V/24V dual with y-cable)
- 10/100/1000MB (Gigabit) Ethernet LAN

Aloha Essentials CX3 Packages
Terminal with 15.6" wide-aspect LCD
- All-Points-Addressable (APA guest display)
- Magnetic stripe reader
- 8 GB memory; 120 GB solid-state drive storage
- Windows 10 IoT Enterprise 2019 LTSC

Displays
- 15.6" projected capacitive operator touchscreen with 16:9 aspect ratio, 1366 x 768 resolution
- Supports 10-point multi-touch
- Shopper displays: All-Points-Addressable graphical display; 10" color LCD touch or non-touch (XL10)
- High-bright 350-nit typical LCD-backlit
- Independent display I/O: Operator—internal connections; Customer—DisplayPort

Other features
- Image recovery function
- Display head removable from base
- Silent and reliable fan-less design

Operating systems
- Windows 10 IoT Enterprise 2019 LTSC

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.