



MX850

SPECIFICATIONS

Processor

32-bit 200 MHz

Operating system

Embedded Linux with VeriFone security enhancements; MX platform

Applications

Form Agent, IBM EFT, NCR EFT

Memory

64 MB SDRAM + 64 MB Flash
Field upgradeable via USB Flash memory drives

Display

65,536 color, ¼ VGA, backlit

Graphics

Built-in capability for 16-bit color video

Audio

Multi-tone buzzer
External speaker line-out port is factory optional

Keypad

Recessed for privacy
13 laser-etched tactile keys +
4 screen-addressable ATM-style keys

Touch Screen

Chemically hardened glass
Capacitive technology

Signature Capture

Field upgradeable option

Stylus Pen

Non-mechanical
Field upgradeable option

Magnetic Card Reader

Triple-track, bi-directional
Software-controllable LED prompt

Smart Card Reader

Up to 3 SAMS
Software-controllable LED prompt
EMV Level 1 & 2 approved
Factory option

Contactless

ISO 14443 AB certified
Optional, field upgradeable module

Connectivity / Communications

Cable: supports VeriFone multiport cables with cable sensing
USB: Device and Host capability
Ethernet: 10/100BaseT
Serial Interfaces: RS-232, RS-485, IBM Tailgate

Security / Encryption

Master Session
DUKPT
Triple DES

Features & Benefits

A bright way to capture consumer attention

- Backlit, ¼ VGA display supports 65,536 colors and delivers the industry's sharpest, high-resolution screen images
- High-speed processor and generous memory power full-motion videos and animated graphics
- 10/100BaseT Ethernet connectivity delivers content seamlessly from any network
- Optional line-out port supports speakers for kiosk environment

A clear edge in usability

- Tactile, recessed keypad for privacy and familiar ATM-style interface simplifies usage and reduces errors
- Highly reliable capacitive touch screen responds to fingertip input or stylus pen
- Bi-directional, triple-track magnetic stripe card reader minimizes re-swiping and keeps lines moving

- Swiftly handles payment and value-added transactions, including loyalty, gift card, and top-up applications

An eye on flexibility, durability, and security

- Common platform, applications, and operating system across the MX800 Series permit the easy combination and integration of devices to fit unique multi-lane needs
- Unmatched modularity gives retailers the flexibility to configure solutions for current and future needs to maximize investment protection
- Chemically-hardened glass touch screen is scratch-resistant for years of exceptional clarity
- Non-mechanical stylus ensures the highest reliability
- Keys are laser etched to preserve letters and numbers on keypad
- Optional retailer-branded trim plate with in-mold design lasts for life

- Meets the most stringent security standards, including PCI PED and EMV Level 1 and 2 type approvals

A good-looking package

- The perfect complement for the MX850 is PAYware— VeriFone's software allowing retailers efficient, cost-effective control over payments, signature captures, network devices and multimedia content delivery
- Retailers can streamline receipt retrieval for chargeback investigation and quickly resolve disputes; easily push multimedia content from remote servers directly to consumers in the lanes; and manage devices remotely to update software or run diagnostics—and much more