

PICTURE PERFECT.

VeriFone's MX 850 offers a powerful processing engine, an ultra-crisp color display, scratch-resistant touch screen, outstanding durability, and modularity for investment protection—making it the clear choice.

MX 850

A Bright Way to Capture Consumer Attention

- Backlit, vibrant display supports full color 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

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

- Includes PCI and EMV Level 1 and Level 2 Type approvals as well as Interac, RoHS and WEEE certifications
- Supports end-to-end security with VeriShield Protect which eliminates usable cardholder data from POS applications, networks and servers
- Common MX 800 Series platform, applications, and operating system make it easy to mix and match with other MX 800 devices
- Unmatched modularity and compatibility gives retailers maximum configuration flexibility and investment protection
- Chemically-hardened glass touch screen is scratch-resistant and non-mechanical stylus ensures the highest reliability

MX Solutions: The Total Package

- Interchangeable MX 800 Series hardware and compatible peripherals with a variety of connectivity options
- PAYware Vision, a fully integrated suite of software for payment, signature capture, device management, and content delivery, all from a central point of administration
- Web Development Environment (WDE) provides a unique combination of web technology and a secure payment framework for a powerful and flexible application development platform
- Expertise and services from the industry leader in payments solutions that help retailers build loyalty, enhance customer satisfaction and increase sales



Processor

32-bit ARM9

Operating system

Embedded Linux with VeriFone security enhancements; MX platform

Applications

Form Agent, IBM EFT, NCR EFT, Secure browser

Memory

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

Display

65,536 color, 1/4 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
Factory option

Contactless

ISO 14443 AB certified
Optional, field-upgradeable module

Connectivity / Communications

Cable: supports VeriFone multi-port cables with cable sensing

USB: Device and Host capability
Ethernet: 10/100BaseT
Serial Interfaces: RS-232, RS-485,
IBM Tailgate
Power over Ethernet option
WiFi, field-upgradeable module

Security / Encryption

Master Session
DUKPT
Triple DES

Certifications

PCI PED approved
EMV Level 1 & Level 2 Type Approvals
Interac
RoHS & WEEE

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 **VeriFone**
THE WAY TO PAY™