

BENEFITS AT A GLANCE

- Vibrant 65,536-color display delivers attention-getting video, animations and targeted messages
- Advanced touch technology resists screen cloudiness and wear and tear for the lowest total cost of ownership
- PCI PED online and offline approval and EMV Level 1 and Level 2 Type Approval mean retailers can use the same secure payment solution worldwide



Multimedia Impact

Branding from a Different Point of View

Now VeriFone empowers

retailers with a revolutionary new way to broadcast advertising and corporate messaging directly to customers.

VeriFone's MX870 goes well beyond standard PIN pad technology and merges full-motion video, a 65,536-color display, high-quality digital sound, and highly secure payment capabilities into a single, easy-to-use networking device. Merchants can harness the communications power of the MX870 to create brand awareness, reinforce advertising, or even deliver cross-promotions

to their customers. The unique and highly targeted marketing opportunities available through this merchandising powerhouse are truly extraordinary.

From today's contactless to tomorrow's biometric upgrades, the MX870's field-replaceable modules allow retailers to conveniently add functionality and future-proof their investment. Plus, the MX870 leverages the most advanced technology available by incorporating a robust, highly reliable capacitive touch panel that supports finger and stylus input.

And its rugged design meets the rigors of the retail environment, while also providing ease of use for signature capture solutions and innovative features like blue LEDs in the card swipe and smart card slots. It all adds up to a handsomely designed, innovative marketing solution that projects a quality brand image to customers right when it matters the most.

The MX870 is global and secure. It is PCI PED approved and has EMV Level 1 and Level 2 Type Approvals as well as Interac, RoHS and WEEE certifications.

MX870

MX870



SPECIFICATIONS

Processor

32-bit 200 MHz

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, active-matrix, 5.7" TFT

Graphics

Built-in media player supports 16-bit video animation

Speakers

Built-in speakers for tones, prompts, and music; Line-out port available to drive external powered speakers

Keypad

Virtual PIN pad
PCI PED approved (online and offline)

Touch Screen

Capacitive/hardened glass

Signature Capture

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

Cable Connectivity

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

USB Connectivity

Standard, device and host capability

Ethernet Connectivity

10/100BaseT (factory option)

Certifications

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

Features & Benefits

Smart, Secure, Sophisticated, and Flexible

- MX Operating System combines the proven stability of a Linux embedded platform with the security of VeriFone's payment architecture
- Host and device USB capability provides limitless scalability options, such as cost-effective memory expansion using USB Flash memory drives
- Ideal platform for a variety of value-added applications, such as administering loyalty schemes, gift card issuance, and top-up services

Features that Present Your Message Brilliantly

- High-speed processor, backed by 128 MB of memory, refreshes screens instantly
- Active matrix display supports 65,536 colors for vibrant animations and video

- Attractive compact footprint, optional speakers, illuminated magnetic stripe prompt and smart card reader grab attention in any environment
- 10/100BaseT Ethernet connectivity pulls content seamlessly from any network

Built for the Long Run

- Customer-branded trim plate with in-mold design creates lasting high-quality finish
- Modular design lets retailers configure solutions that meet their needs today and add features at any time—maximizing investment protection
- Chemically-hardened touch panel glass resists scratching and reduces breakage
- Non-mechanical stylus design eliminates failure points

MX Solutions: The Total Package

- Interchangeable MX800 Series hardware and compatible peripherals with a variety of connectivity options
- PAYware, a fully integrated suite of software for payment, signature capture, device management, and content delivery, all from a central point of administration
- Expertise and services from the industry leader in payments solutions that help retailers build loyalty, enhance customer satisfaction and increase sales