

BRANDING FROM A DIFFERENT POINT OF VIEW

VeriFone's MX 870 goes well beyond standard PIN pad technology and merges full-motion video, a vibrant full-color display, high-quality digital sound, and the most secure payment capabilities into a single, easy-to-use networking device.

MX 870

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
- 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
- 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 administrating 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 today's needs and add features at any time—maximizing investment
- Chemically-hardened touch panel glass resists scratching; non-mechanical stylus design eliminates failure points

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, Web Development Environment

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
WiFi, field-upgradeable module

USB Connectivity

Standard, device and host capability

Ethernet Connectivity

10/100BaseT (factory option)

Security/Encryption

Master Session
DUKPT
Triple DES
PCI PED
EMV Level 1 and 2
Interac
AES

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THE WAY TO PAY™