

MX870

BRANDING FROM A DIFFERENT POINT OF VIEW

VeriFone's MX 870's high-speed processing engine and generous memory enable full-motion video, a vibrant full-color display, high-quality digital sound and the most secure payment capabilities in a single, easy-to-use networked device.



SECURE, ELEGANT AND FLEXIBLE

- Proven stability of a Linux-embedded platform with the security of VeriFone's payment architecture and a 10/100BaseT Ethernet connectivity that pulls content seamlessly from any network – ideal for a variety of value-added applications, such as administrating loyalty schemes, gift card issuance and top-up services
- PCI and EMV Level 1 and Level 2 Type certified as well as Interac, RoHS and WEEE certifications
- End-to-end security with VeriShield Total Protect, eliminating usable cardholder data from POS applications, networks and servers
- Limitless scalability options, such as cost-effective memory expansion using USB Flash memory drives
- Attractive compact footprint, optional speakers, illuminated mag-stripe prompt and smart card reader grab attention in any environment

CUSTOMIZABLE, ATTRACTIVE SOLUTIONS BUILT TO LAST

- Active matrix display made from scratch-resistant, chemically hardened glass supports 65,536 colors for vibrant animations and video and incorporates instantly refreshing screens for compelling end-user messaging
- Branded trim plates available with in-mold design for custom look with lasting, high-quality finish
- Modular design allows retailers to configure solutions that meet current and future needs
- Non-mechanical stylus design eliminates failure points

MX SOLUTIONS: THE TOTAL PACKAGE

- Interchangeable MX 800 Series hardware and peripherals offer a wide variety of connectivity options
- VeriFone HQ software simplifies device management and reduces overall support costs, all while easily integrating into your current environment.
- Web Development Environment (WDE) makes development of customer interfaces easy, supports JavaScript, XML (AJAX), C++, PHP and cURL
- Supports VeriShield Remote Key to remotely and securely manage key injection, using online and offline methods, saving time and money
- Expertise and services from the industry leader in payments solutions help retailers build loyalty, enhance customer satisfaction and increase sales



Processor

32 bit ARM9 266 MHz

Operating System

Embedded Linux with VeriFone security enhancements

Applications

Form Agent, IBM EFT, NCR EFT, Web Development Environment (WDE)

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 PTS 2.x approved (online and offline)

Touch Screen

Chemically hardened glass
Capacitive technology

Stylus Pen

Non-mechanical
Field-replaceable 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
MSD/EMV
Optional, field-upgradeable module

USB Connectivity

Standard, device and host capability

Ethernet Connectivity

10/100BaseT (factory option)

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

Security/Encryption

Master Session | DUKPT | Triple DES | PCI PTS 2.x
| EMV Level 1 and 2 | Interac | AES

Certifications

UL, CE, RoHS and WEEE