

# 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