

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 administering 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