

MX850

PICTURE PERFECT

VeriFone's MX 850 offers a high-speed processing engine and generous memory that power a backlit, ultra-crisp, full-color display with outstanding durability and modularity for investment protection.



A CLEAR EDGE IN USABILITY

- Private, tactile, recessed keypad with familiar ATM-style interface reduces errors
- Scratch-resistant touch screen responds to fingertip input or stylus pen
- Bi-directional, triple-track mag-stripe card reader minimizes re-swiping
- Handles payment and value-added transactions, including loyalty, gift card and top-off applications
- 10/100BaseT Ethernet connectivity delivers content seamlessly from any network

AN EYE ON FLEXIBILITY, DURABILITY AND SECURITY

- Includes PCI PTS 2.x and EMV Level 1 and Level 2 Type approvals as well as Interac, RoHS and WEEE certifications
- Supports end-to-end security with VeriShield Total Protect, eliminating usable cardholder data from POS applications, networks and servers
- Modular design allows retailers to configure solutions that meet current and future needs
- High reliability through chemically hardened, scratch-resistant glass touch screen and non-mechanical stylus
- Supports VeriShield Remote Key to remotely and securely manage key injection, using online and offline methods

MX SOLUTIONS: THE TOTAL PACKAGE

- Interchangeable MX 800 Series hardware and peripherals offer a wide variety of connectivity options
- PAYware Vision, a fully integrated software suite for payment, signature capture, device management and content delivery, all from a central point of administration
- Web Development Environment (WDE) makes development of customer interfaces easy, supports JavaScript, XML (AJAX), C++, PHP and cURL
- 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, backlit

Graphics
Built-in capability for 16-bit color video

Audio
Multi-tone buzzer
External speaker line-out port is factory optional

Keypad
Recessed for privacy
13 laser-etched tactile keys +
4 screen-addressable ATM-style keys
ADA

Touch Screen
Chemically hardened glass
Capacitive technology

Stylus Pen
Non-mechanical
Field-replaceable option

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

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

Connectivity/Communications
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

Certifications
UL, CE, RoHS and WEEE