

BRILLIANCE ON THE GO

VeriFone's VX 680 – the world's smallest full-function, portable handheld payment device is packed with performance, including optional integrated contactless and a large color touch screen. And all on the proven VX platform – making it the perfect choice for businesses on the go.

VX 680

Small In Size, Big On Attention

- A large, sharp 3.5" color display fits into the smallest full-function, portable handheld device
- The eye-catching graphical user interface with convenient, resistive touch screen capabilities offers unbeatable ease of use
- An illuminating, blue backlit keypad with built-in spill resistance is ideal for low-lighting situations and the most demanding retail environments
- Rely on it – the VX platform together with the time-tested Verix operating system – for the world's best-selling payment devices
- Backward compatibility with existing applications and accessories for V^x 670 helps protect your investment

More Features, New Opportunities

- Tailored specifically to the needs of merchants on the move – from delivery services and stadium vendors to restaurant pay-at-the-table applications
- Choose your connections – wireless options include GPRS, CDMA, WiFi and Bluetooth to meet any requirement
- Optional, integrated contactless capability opens the door into markets where speed and convenience are essential – such as ticketing and transportation
- Exponential increase in memory to 192 MB standard – exceeding 500 MB with optional Micro SD memory storage – supports new loyalty-building, profit-producing value-added applications
- Power pays off – 400 MHz ARM 11 processor provides 3x faster processing to keep merchants' lines moving and provides quick, trouble-free downloads
- Landed smart card reader delivers incredible reliability for hundreds of thousands of insertions

Uncompromising Security, Plus VX Evolution Value

- Don't take chances! Get unmatched wireless performance and uncompromising security – including PCI PED 2.0 with the option of PCI PTS 3.0 – to protect merchants and reduce your risks
- VeriShield Protect eliminates usable data from merchant applications and networks by encrypting it from end to end
- Part of VeriFone's VX Evolution platform – which offers Next Level Performance, Extended Life Design, and Full Spectrum Security for the toughest payment challenges, today and tomorrow



PCI SECURITY OPTIONS



Standard
PCI PED 2.0



Premium
PCI PTS 3.0

Processor

400 MHz ARM11 32-bit RISC processor

Memory

192 MB (128 MB of Flash, 64 MB of SDRAM) standard, can exceed up to 500 MB

Optional micro SD Flash memory card

Display

240 x 320 pixel color TFT (QVGA) supports up to 26 lines x 26 characters 8 soft-function keys and 4 screen-addressable keys via resistive touch screen

Magnetic Card Reader

Triple track (tracks 1, 2, 3), high coercivity, bi-directional

Primary Smart Card

ISO 7816, 1.8V, 3V, 5V; synchronous and asynchronous cards EMV Level 1 and Level 2 Approved

SAM Card Reader

3 Security Access Modules (SAMs)

Keypad

3 x 4 numeric keypad, plus screen addressable keys can be simulated on resistive touch screen

Peripheral Ports

Single multi-port connector, which supports RS-232, USB Host, USB Slave, and Integrated Charging

Printer

Integrated thermal with graphics capabilities, 18 lines per second, 22, 32, or 42 columns Paper roll 38mm with core (2.25 in.) x 15 M, single ply

Wireless Modem

Wireless Wide Area GSM/GPRS on 850/900/1800/1900 MHz; Wireless Local Area WiFi 802.11b/g; CDMA2000 EVDO on 800/1900 MHz Bluetooth local area with communication station supporting dial, LAN or Serial RS-232

Modem Dongle

Optional USB modem dongle Standard 33.6kbps Dial modem (Bell 103/212a, ITU V.21/V.22/V.22bis/V.32/V.32bis/V.34, synchronous and asynchronous)

Protocols

Application selects between asynchronous protocols (Visa 1, Visa 2, and others) and synchronous protocols (including ISO 8583/SDLC)

Security

3DES encryption, Master/Session and DUKPT key management; VeriShield file authentication; PCI PED 2.0 approved; PCI PTS 3.0 optional; WPA2-enabled WiFi

Physical

Length: 172 mm; Max Width of 82mm; Height: 62 mm; Weight: Terminal 477 g (1.05 lbs), Full shipping 1,219 g (2.68 lbs)

Environmental

0° to 50° C (32° to 122° F) operating temperature; -20° to 60° C (-4° to 140° F) storage temperature; 5% to 85% relative humidity, non-condensing

Voltage

AC input 100-240 VAC, 50/60 Hz DC output 12 VDC, 2.0 Amp

Contactless Applications

MasterCard PayPass M/Chip, MasterCard PayPass MagStripe, Visa payWave MSD, Visa payWave qVSDC, Discover Zip, American Express ExpressPay, Pass-through access to ISO 14443-4 and MiFare cards Secure SoftSAM Hardware SAM optional

<http://vx-evolution.verifone.com/>

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