

VX 680

BRILLIANCE ON THE GO

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



SMALL IN SIZE, BIG ON ATTENTION

- A large, sharp, 3.5", colour display fits into the smallest full-function, portable handheld device
- An illuminating, blue-backlit keypad with built-in spill resistance, ideal for low-lighting situations and the most demanding environments
- VX platform with the Verix operating system – more than 11 million devices sold, 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

- Full flexibility to manage multiple NFC mobile wallets, apps and programs. Apps are fully insulated and firewalled from each other and existing payment apps, ensure complete security on payment transactions
- Tailored specifically to the needs of merchants on the move – from delivery services and stadium vendors to restaurant pay-at-the-table applications
- Landed smart card reader delivers incredible readability for hundreds of thousands of insertions, and keypad withstands more than one million key presses
- 400 MHz ARM11 processor provides 3x faster processing to keep merchants' lines moving and provides quick, trouble-free downloads
- Exponential increase in memory to 192 MB standard – exceeding 500 MB with optional Micro SD memory storage.

Processor	400 MHz ARM11 32-bit RISC
Memory	192 MB (128 MB Flash, 64 MB of SDRAM); can exceed up to 500 MB, Optional Micro-SD
Display	240x320 pixel colour TFT (QVGA), Up to 26 lines x 26 characters
Magnetic Card Reader	Triple track (Track 1, 2, 3), bi-directional
Smart Card Reader	ISO 7816, 1.8V, 3V, 5V; synchronous and asynchronous cards
SAM	3 Security Access Modules (SAMs)
Keypad	3x4 numeric keypad, soft-function keys and screen-addressable keys can be simulated via touch screen
Peripheral Ports	Single multi-port connector supports RS-232, USB Host, USB Slave and Integrated Charging
Thermal Printer	18 lps, 38mm paper roll
Security	3DES encryption, Master/Session and DUKPT key management; VeriShield file authentication
Physical	L: 172 mm; Max W: 86 mm; H: 63 mm
Environmental	0° to 50° C (32° to 122° F) operating temperature; -20° to 60° C (-4° to 140° F) storage temperature; 5% to 90% relative humidity, non-condensing
Voltage	AC input 100-240 VAC, 50/60 Hz DC output 12 VDC, 2.0 Amp
Contactless Applications	MC PayPass M/Chip, MC PayPass MagStripe, Visa payWave MSD, Visa payWave qVSDC, Discover Zip, Amex ExpressPay, Pass-through access

Features	VX 680 GPRS	VX 680 WF/BT	VX 680 3G
Terminal connectivity	GSM/GPRS 850/900/1800/1900 MHz	WiFi 802.11b/g; Bluetooth local area	GSM/GPRS/EDGE: 850/900/1800/1900 MHz UMTS/HSPA+: 800/850/900/1900/2100 MHz
Base connectivity (Charging base or full feature base with/without battery)	Ethernet, Dial modem, UART (via USB dongle)	Ethernet, Dial modem	Ethernet, Dial modem, UART (via USB dongle)
Weight	Terminal: 479g, Full shipping: 1,169g	Terminal: 481g, Full shipping: 1,214g	Terminal: 502g, Full shipping: 1,114g
Security	PCI PED 2.X, PCI PTS 3.X	PCI PED 2.X, PCI PTS 3.X	PCI PTS 3.X
GPS	-	-	Optional
Contactless	Optional	Optional	Standard
Audio/Video player	-	-	Yes
Dual SIM	-	-	Yes



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