

# Vx 670



## SPECIFICATIONS

### Processor

32-bit ARM9 microprocessor

### Memory

6 MB (4 MB of Flash, 2 MB of SRAM)

### Display

128 x 128 pixel graphical LCD with high-contrast white backlighting; supports 16 lines x 21 characters with standard font-set

### Magnetic Card Reader

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

### Optional Smart Card

ISO 7816, 1.8V, 3V, 5V or synchronous and asynchronous cards; EMV Approved

### SAM Card Reader

Three Security Access Modules (SAM) (optional)

### Keypad

3 x 4 numeric keypad, plus 10 soft-function keys and 6 screen-addressable keys; PCI Approved

### 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, 24 or 32 columns; paper roll 38 mm with core (2.25 in.) x 15M, single ply

### Wireless Modem

Supports Wide Area Wireless GSM/GPRS on 900/1800 MHz or 850/1900 MHz; Local Area Wireless Wi-Fi 802.11b/g; WPA encryption 2.4 Ghz

### Modem Dongle

Optional USB Modem Dongle for use with multi-port connector, or use in full-featured base. 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

### Physical

Length: 168 mm; Max Width of 78 mm, with reduced width of 70 mm at grip-zone; Height: 58 mm; Weight: Terminal 439 g (0.97 lbs), Full shipping 1,219 g (2.68 lbs)

### Environmental

0° to 40° C (32° to 104° F) operating temperature; 5% to 90% relative humidity, non-condensing

### Voltage

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

## Features & Benefits

### Breakthrough Wireless Design

- Designed through our Purpose Inspired Design program specifically for wireless, customer-facing, hand-held payment with a choice of Wi-Fi or GPRS connectivity options
- VeriFone's MAXui design provides largest user interface for an all-in-one payment system and the industry's smallest overall size for maximum ease of use

### Unprecedented Usability

- 38 mm diameter paper roll with trouble-free, drop-in clam shell loading and dual-tear bar so receipts can be ripped in any direction
- Large 128 x 128 display with increased resolution, anti-glare screen, and high-contrast white backlighting for easy readability under diverse lighting conditions
- Large, well-placed, blue backlit keys with improved tactile response to simplify usage and minimize finger slips

- Quiet, fast thermal printer with rear placement to maximize user interface area
- Vertical mag-stripe card reader with contoured blade for optimal card reading
- "Hands-free" holster fits onto server's or clerk's belt so POS device can be quickly removed and handed to customer

### Exceptional Performance and Functionality

- Powerful 32-bit ARM9 processor completes transactions in seconds
- High-capacity 7.2 volt 1800 mAh lithium-ion battery can be quickly swapped with one hand
- Standard base for drop-and-go charging or optional full-featured base with spare battery charging; also contains USB ports for connection to supported USB peripherals and dial back-up
- Rounded corners and drop resistance to three feet on concrete floor to minimize breakage

- Sealed MSR blade locks out moisture for outstanding spill resistance

### Unmatched Security

- Industry benchmark WPA Wi-Fi security
- PCI approved for debit and other PIN-based transactions
- EMV Level 1 and 2 Type Approved
- Other security protections include tamper-resistant construction, SSL protocols and VeriShield file authentication