



# V<sup>x</sup> 570

Performance to the Next Power

**INCOMPARABLE PERFORMANCE.  
ENHANCED FEATURES. GREATER FLEXIBILITY.**

**VERIFONE'S V<sup>x</sup> 570** countertop solution offers exceptional payment processing and significantly reduces transaction time. The V<sup>x</sup> 570 combines superior speed and performance with support for value-added applications and EMV smart card transactions.

In addition to dial connectivity, the V<sup>x</sup> 570 also offers an option that provides both Ethernet and dial communications. Dial connectivity can be used today, then switched to Ethernet at any time without added cost or inconvenience. Or those merchants with broadband service already installed can immediately process payments through this always-on connection.

The V<sup>x</sup> 570's familiar design, including the intuitive ATM-style interface and bold menu prompts, reduces help desk training time, support and costs. And, the new anti-glare white backlit display improves readability.

With its increased memory, you can offer merchants a wide range of profitable, value-added applications, strengthening relationships and generating new sources of income for you.

The USB Flash load enables optimized, protected downloads via restricted USB technology. And, the V<sup>x</sup> 570 offers the most reliable security available, including SSL and VeriShield file authentication to help prevent fraud and other software intrusions.



## **BENEFITS AT A GLANCE**

- Unrivalled speed and performance
- Exceptional communications flexibility – dial or IP-based
- Unsurpassed dependability and security
- Enhanced memory for larger, more complex value-added applications



## FEATURES AND BENEFITS

### Remarkable Power and Performance

- 200 MHz, 32-bit ARM9 processor for exceptionally fast processing
- Up to 12 MB of memory allows for multi-application capabilities
- Dial communication module can be upgraded to dial and Ethernet without switching devices
- Integrated USB technology port allows for secure, easy application downloads from a Flash memory drive
- Built on the V<sup>x</sup> Solutions infrastructure and its suite of familiar TCP/IP tools for smooth migration from Omni 3700 solutions

### Exceptional Flexibility and Functionality

- Intuitive ATM-style interface, bold menu prompts, larger pixels and white backlit display facilitate use and readability
- Integrated thermal printer with optional support for paper roll that is 40% larger than the standard size
- Internal PIN pad supports debit and other PIN-based applications
- Triple-track, high-coercivity card reader accurately handles most magnetic-stripe cards, including mini-cards
- Security Access Modules support multiple smart card solutions and offer added data protection for EMV smart card transactions
- Integrated high-speed thermal printer (18 lines per second) speeds overall transaction times from swipe to print

### Sophisticated Security Features Deter Threats

- Most recent security, including end-to-end SSL encryption and sophisticated VeriShield file authentication
- PCI PED Approved by Visa and MasterCard for debit and other PIN-based transactions, and has EMV Level 1 and Level 2 Type Approval
- Application separation at hardware and software levels minimizes or eliminates the need to recertify existing payment applications every time an application is added or modified and third-party applications can coexist securely

## SPECIFICATIONS

### Processor

200MHz ARM9 32-bit RISC microprocessor

### Memory

6 MB (4 MB of Flash, 2 MB of SRAM)  
Optional 12 MB (8 MB of Flash, 4 MB of SRAM)

### Display

128 x 64 pixel graphical LCD with backlighting  
Supports 8 lines x 21 characters

### Magnetic Card Reader

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

### Primary Smart Card

ISO 7816, 1.8V, 3V, 5V or synchronous and asynchronous cards  
EMV approved  
Optional smart card reader

### SAM Card Reader

1 or 3 Security Access Modules (optional)

### Keypad

3 x 4 numeric keypad, plus 8 soft-function keys and 4 screen-addressable keys

### I/O Modules

14.4k modem module  
Ethernet and 14.4k modem combination module

### Peripheral Ports

One USB 1.1 port supports flash memory devices; Two RS-232 ports support peripherals including PIN pads and check readers; One telco port and one Ethernet (with Ethernet/14.4 I/O module) support communications

### Printer

Integrated thermal printer with graphics capabilities, 18 lines per second, 24 or 32 columns, standard roll paper 58 mm (2.25 in.) x 25M, single ply  
Optional large roll paper 58 mm x 35M

### Modem

Standard 14.4k bps modem supporting Bell 103/212a, CCITT V.21/V.22/V.22bis/V.32/V.32bis (300/1200/2400/9600/14400 bps) and HC Fast Connect for 1200 bps. Optional: Fast POS for 9600 bps

### Protocols

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

### Security

SSL v3.0, 3DES encryption, Master/Session and DUKPT key management; PCI PED approved by Visa and MasterCard; VeriShield file authentication

### Physical

Length: 209 mm (8 in.); Width: 102 mm (4 in.); Height: 78 mm (3.07 in.)  
Weight: Terminal/750 g (1.65 lbs.), Full shipping/1,377 g (3.03 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 8.6 - 9.4 VDC, 4.0 Amp