Verifone®

Verifone VX 820

Put the power, security, and reliability of the VX Evolution platform at consumers' fingertips. The VX 820 PIN pad is incredibly easy to use, convenient and readable in any environment. With limitless capabilities and a sleek, stylish design, the VX 820 works hard for your business.

- Simplified, single-port connectivity offers USB, serial, and Ethernet connection options

- Pair with any terminal for a complete, consumer-facing solution

- Deliver targeted promotions and branding messages on the screen

- Integrated EMV and NFC

- Advanced end-to-end encryption

Specifications

Processor
400 MHz, ARM11 32-bit RISC processor

Memory
160 MB (128 MB Flash, 32 MB SDRAM)

Display
3.5" QVGA, resistive touchscreen

Card Readers
Triple track MSR, landed smart card, EMVCo-approved

Contactless
ISO14443 A&B, MiFare, ISO18092-capable, EMVCo L1 certification, supports major NFC/contactless schemes

Peripheral Ports
Single connector supports RS-232, USB device, USB host, Ethernet

Security
PCI PTS 3.X-approved

Power
5-12V DC, 3.8W maximum consumption

Environmental
Operating temperature: 0° to 50° C (32° to 122° F); storage temperature: -20° to 60° C (-4° to 140° F); relative humidity: 5% to 90%, non-condensing

Physical
173 mm L × 87 mm W × 35 mm H; 308g (0.68 lb) weight

Other Standard Features
3 SAM slots, optional microSD