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verifone

# Verifone P400 Datasheet





## Verifone P400

The Verifone P400, part of the Verifone Engage portfolio, leverages the latest Linux-based operating system for power and performance. Boasting a vibrant, color display, this PIN pad enhances user experience with a design that's as fast as it is stylish. Optional advanced commerce capabilities enable additional revenue streams at the point of sale via value-added services—customized for individual shoppers. Pair the P400 with a host device for a complete consumer-facing solution that will be reliable for years to come.

- HVGA color touchscreen with built-in audio for multimedia
- Maximum security and compliance with end-to-end encryption
- Single connector reduces logistical complexities
- Accepts all payment inputs including NFC/CTLS, EMV, and magstripe
- Advanced commerce capabilities available, including BLE/beaconing support

## Specifications

### Processor

600 MHz, 1500 MIPS, Arm Cortex-A9 32-bit RISC processor

### Memory

384 MB (256 MB Flash, 128 MB SDRAM), microSD

### Display

3.5" HVGA color, capacitive touchscreen, Corning® Gorilla® Glass technology

### Operating System

V/OS (Linux-based)

### Connectivity

Ethernet

### Card Readers

Triple track MSR: ISO 7810, 7811, 7813; smart card reader: EMVCo-approved

### Contactless

ISO 14443 Types A and B, ISO 18092-capable, EMVCo L1 certification, MIFARE, supports major NFC/CTLS schemes

### Peripheral Ports

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

### Audio

Speaker

### Power Supply

5-12 V DC, 4.8-5.2 W power consumption, power over USB 5 V 500 mA

### 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

### Security

PCI PTS 5.X-approved

### Physical

167 mm L × 80 mm W × 44 mm H, 310 g

### Other Standard Features

2 SAM slots (optional 3rd), backlit keypad, uSD memory slot

### Options/Accessories

Privacy shield, mounting adapter, power over Ethernet (POE 802.3af), cables backward compatible with VX

### P400 Plus

- Memory: 1024 MB (512 MB Flash, 512 MB SDRAM)
- Connectivity: 5 GHz + 2.4 GHz WiFi, Bluetooth 4.2 BLE