



# X990

Verifone's X990 is a thin, lightweight, portable smart device featuring the latest Android 10.x operating system. This device meets various business demands with uncompromised security and platform scalability for seamless system integrations. The X990 is equipped with the fastest mobile 4G communications, connected to merchants, customers, and service providers. A rich software platform allows customers to create applications effortlessly, such as apps for membership management, loyalty, couponing, online booking, inventory, and sales management. Furthermore, the X990 can connect remotely for dynamic management of business data and terminal equipment, improving merchants' efficiency with reduced effort of maintenance. This device is the best choice for businesses in the era of mobile commerce.

- Supports third-party applications
- Accepts flexible payment options, including NFC/contactless payments
- 1D/2D barcode scanner; front and rear CMOS cameras supporting QR code
- Flexible connectivity options, including 4G LTE, WiFi, and Bluetooth
- Long battery life and standby time

## Specifications

### Processor

Cortex A53 Quad-Core CPU, 1.4GHz  
32Bit Secure Processor

### Memory

8GB Flash, 1GB SDRAM  
Optional 16GB Flash, 2GB SDRAM  
SD / TF card: up to 64G

### Operating System

VanOS, based on Android 10.x

### Display

5.5" Capacitive touch screen (1280 x 720)

### Camera

0.3MP front / 5MP rear camera with flash-light, optional 2MP front camera

### Connectivity

4G, compatible with 3G / 2G, Bluetooth 4.2, Wi-Fi

### Positioning

GPS, A-GPS, BEIDOU

### Interface

USB Type C, Charging pads

### Battery

18.72Wh, DC 7.2 V / 2600 mAh Li-ion

### Card Readers

Triple Track Mag Stripe | EMV L1/L2 Approved  
Smart Card | Contactless

### Printer

25lps, 40mm paper roll

### Card Slot

1 SIM & 2 SAMs or 2 SIMs & 1 SAM

### Certification

PBOC L1 / L2, QPBOC L1 / 2, QuickPass,  
CCC, EMV L1/L2, PayPass / payWave / JCB /  
ExpressPay / D-PAS, TQM, PCI PTS 6.x

### Power

Input: AC 100V~240V/50~60HZ 0.3~0.5A  
Output: DC 5V/2A

### Environmental

Operating temperature : -10° to 50°C(14°to  
122°F); storage temperature : -20° to 70°C  
(-4° to 158°F) : relative humidity : 5% to  
90%, non-condensing

### Physical Dimensions

193 mm L x 84 mm W x 64 mm H | 420 g weight

### Options

Capacitive fingerprint | Facial recognition 3D  
camera | ETH/USB/RS232/Dialup via Comm Box  
or feature base

Capacitive fingerprint 256x360pixel, 508 dpi,  
8bit / 256 level, Support for liveness detection,  
ISO19794-2, ISO19794-4, ANSI 378, ANSI 381  
supported