



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 2.4GHz, and Bluetooth
- Long battery life and standby time

Specifications

Processor

64bit Cortex A53 Quad-Core CPU, 1.4GHz
32bit Secure Processor

Memory

8GB Flash, 1GB LPDDR3 RAM
Optional 16GB Flash, 2GB LPDDR3 RAM
SD/TF card: up to 128G

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, 8MP rear camera

Connectivity

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

Positioning

GPS, A-GPS, BEIDOU

Interface

USB Type C for data and charging
Pogo PINs for charging from DX01/DX30 base

Battery

18.72Wh, DC 7.2V/2600 mAh Li-ion
Equal to battery capacity of 3.6 V, 5200 mAh
Option 24.48WH, 7.2V/3400mAh, equal to 3.6V/6800mAh

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

EMV L1/L2, Paypass / PayWave / JCB / Express-Pay / D-PAS / UPI, TQM, PCI PTS 6.X

Power

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

Environmental

Working temperature:-10°C to 50°C (14°F to 122°F); storage temperature:-20°C to 70°C (-4°F to 158°F); relative humidity: 5% to 95%, non-condensing

Physical Dimensions

193 mm L x 84 mm W x 64 mm H | 462 g weight

Options

Capacitive fingerprint | Facial recognition 3D camera | ETH/USB/RS232 via detachable Feature Base or assembled Feature Base

Capacitive fingerprint STQC & FBI certified, 256x360 pixel, 508 dpi, 8 bit/256 level, support for liveness detection, ISO19794-2, ISO19794-4, ANSI 378, ANSI 381 supported

DX01

Universal Charging Base



Specifications

Simple charger for X990

Power Suply

DC 5V/2A

Interface

- 1* USB TYPE-C for power in
- 1* Pogo for charging

Applicable

Small and Medium Business

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

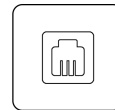
Dimensions

91mm x 129mm x 30 mm

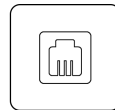
DX30

A secure X990 Full Feature Base

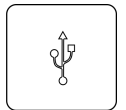
- * Grab and go, charging X990 with pogo PIN
- * Encrypted dedicated wireless transmission between terminal and base
- * Intelligent interaction and connection between X990 and Base



Ethernet



RS232



USB

Specifications

Processor

32bit, 528MHz

Memory

4MB

Power Supply

DC 5V/3A, 1 piece adapter with 1.5m cable

Indicators

Red - Base powered

Flashing green light - Connecting with X990

Green - Connected with X990

Dimensions

175mm x 87mm x 52.5mm

Interface

1 * USB Type A

1 * PINPad with power supplied

1 * RS232 with power supplied, up to 256Kbps

1 * Ethernet, LAN 10/100 Mbps

1 * DC jack for DC 5V/3A power supply input

1 * Pin-based power socket

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

Weight

190g