

PMX-089



8.9" WSVGA LCD with Touchscreen

Vortex86DX/MX+ 1 GHz Fanless CPU

512 MB/1 GB DDR2 Memory onboard

CompactFlash & MicroSD card sockets

10/100 Ethernet

Mini-PCI expansion slot

Fanless and Ultra-Low Power Consumption

Embedded XP, Windows CE, DOS or Linux OS Options

(note: XP requires special configuration)

***Storage flash and any applicable operating system license must be purchased at time of order to receive our base operating system configuration installed on the unit.

The PMX-089T panel PC is a VortexDX/MX low power processor based computer that is designed to serve as a human machine interface (HMI). It is a PC-based system with 8.9" color widescreen TFT LCD display, Touchscreen, Ethernet controller, COM port interface and an audio controller. With a built-in CompactFlash and MicroSD socket and no moving parts, the PMX-089T is a rugged compact Panel-PC.

Shown here without the wireless option and antenna mounted on the chassis. The PMX-089T PPC utilizes the Vortex 486 class, 1GHz fanless processor allowing it to run Linux, WinCE and even XPE* Operating Systems. If advanced graphic capabilities are required under

XPE please choose the PMX-089T.

Specifications

Panel PC Type:

Enclosed PPC

Processor

Processor:

Vortex86MX+

Clock Speed:

1 GHz

Real Time Clock:

Memory

RAM Type:
Onboard
Primary Flash:
supports CompactFlash™ and MicroSD Card

Primary I/O
Audio:
CM119 Line output / HD Audio CODEC(PMX)

Ethernet:
10/100 Base-T Ethernet

USB:
2x USB 2.0

Serial Ports:
1x RS232/422/485

Watchdog:
Primary I/O Misc.:
Mini-PCI Expansion slot: for optional wireless networking or other Mini-PCI peripherals.

Touchscreen
Type: analog resistive

Light Transmission: 80%

Interface: USB

Lifetime: 1 million touches

Secondary I/O
LPT Port:

Keypad:
PS/2:

Analog on
A/D:
D/A:

Dimensions
Dimensions:
9.3 × 5.7 × 1.4 in

Weight:
468 g

Environmental nents
Low Operating Temperature:
0 C

High Operating Temperature:
50 C

Environmental Misc.:
Relative Humidity: 0 ~ 90% @ 35 ° C (non-condensing)

Shock (Operating): 15 G peak acceleration (11 ms. duration)

EMC: CE, FCC Class A approved

Product Variations:

PMX-089T-5A

PPC W/ 1GB RAM, HD AUDIO, TOUCH & 5V 20W power supply (EOL Limited stock remain)

\$477.00

PMX-089T-8A

PPC W/ 1GB RAM, 8-35V, HD AUDIO, TOUCH (EOL, No Stock Remain)

\$477.00

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