

PMX-057



5.7" VGA LCD with Touchscreen

Vortex86DX/MX+ 1 GHz Fanless CPU

256 MB /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-057T 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 5.7 " color 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-057T is a rugged compact Panel-PC. Shown here with the wireless option and antenna mounted on the chassis. The antenna can be remote located using a standard SMA extension. The PMX-057T PPC utilizes the Vortex 486 class, 1GHz fanless processor allowing it to run Linux, WinCE and even XPE* Operating Systems. Note: while the PMX-057T PPC can run XPE its graphic capabilities are limited. If advanced graphic capabilities are required under XPE please choose a PPC with more processing power.

Specifications
Panel PC type:

Enclosed PPC

Processor

Processor:

Vortex86MX+ Fanless CPU

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:

RDC 6040 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
Keyboard:

Keypad:

PS/2:

Analog on
A/D:

D/A:

Dimensions
Dimensions:

6 × 4.4 × 1.2 in

Weight:

374 g

Dimensions Misc.:

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

EMC: CE, FCC Class A approved

Power Requirements
Power misc.:

5 volt systems ship with a 5v power supply with 20 Watts of output

Requires: 5v @ 1.3A Typical

Optional 8v to 32v wide range power input

PMX-057T-5x: +5 Vdc @ 6.5 Watts typical (power supply included)

PMX-057T-8x: +8Vdc - +35Vdc @ 7 Watts typical (power supply not included)

Environmental
Low Operating Temperature:

0 C

High Operating Temperature:

50 C

Upper Operating Humidity:

90%

Environmental Misc.:

PMX: 0 ~ 50 °C (32 ~ 122 °C)

Pricing
Product Variations:

PMX-057T-5A

PPC W/ 1 GB RAM, HD AUDIO, TOUCH & 5V 20W Power Supply

\$486.00

PMX-057T-8A

PPC W/ 1 GB RAM,8-35V, HD AUDIO, TOUCH, +8Vdc - +35Vdc input

\$486.00

Source URL: <https://www.emacinc.com/content/pmx-057>