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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 places shows a PPC with more processing power.

Specifications Paner I C Type.

Erolonad DDC

Processor Processor.

Vortex86MX+ Fanless CPU

Clock Speed:
1 GHz
Real Time Clock:
Memory Raivi 1 ypc.
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
Ll I oft.
Keypad:
PS/2:
Analog on A.D.
D/A:
Dimensions Dimensions.
$6 \times 4.4 \times 1.2$ in
Weight:
374 g
Dimensions Misc.:
Shock (Operating): 15 G peak acceleration (11 ms. duration)
EMC: CE, FCC Class A approved

Power Requirements

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)

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

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