

PMX-090T



9" TFT LCD with Resistive Touchscreen

DM&P Processor 1 GHz Onboard

512MB / 1GB System Memory Onboard

Compact Flash Type I/II / Micro SD Slot

Wi-Fi Support (Optional)

Fanless and Low Power Consumption

Metal Chassis with Compact Design

The PMX-090T Panel PC is a VortexMX+ low power processor based computer that is designed to serve as a human machine interface (HMI). It is a PC-based system with 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-090T is a rugged compact Panel-PC. Shown here without the wireless option and antenna mounted on the chassis. The PMX-090T PPC utilizes the Vortex 486 class, 1GHz fanless processor allowing it to run Linux, WinCE and even WES09 "XPE*" Operating Systems. (Windows Embedded Standard 2009 "WES09" is the latest version of Windows XP Embedded, Based on the Windows XP operating system) If Windows 7 or Windows Embedded Standard 7 is required see the PPC-090T product, as the CPU supports Windows 7.

Specifications

Panel PC Type:

Enclosed PPC

Processor

Processor:

Vortex86MX+

Clock Speed:

1 GHz

Real Time Clock:

Processor Misc.:

L1 Cache: 16KB I-Cache, 16KB D-Cache

L2 Cache: 256KB Cache

Memory

RAM Type:
DDR2 Onboard
Primary Flash:
1x CompactFlash™ card Type I/II Slot
Secondary Flash:
Micro SD Slot
Memory Misc.:
Memory: 1GB Optional

Primary I/O
Audio:
HD Audio-Realtek ALC262 CODEC
Ethernet:
10/100 Base-T Ethernet
USB:
2x USB 2.0
Serial Ports:
1x RS-232/422/485
Watchdog:

Secondary I/O
LPT & Parallel
Keypad:
PS/2:
Touch:
Analog Resistive

Expansion
Bus:
1x Wi-Fi Optional

Analog
A/D:
D/A:

Dimensions
Dimensions:
9.31 × 5.75 × 1.38 in
Weight:
468 g

Power Requirements
Typical Current:
1.5 A
Typical Voltage:
5 V

Power Misc.:
5 volt systems ship with a 5v power supply with 20 Watts of output

Requires: 5v @ 1.5A Typical

Optional 8v to 32v wide range power input

PMX-090T-5x: +5 Vdc @ 7.5 Watts typical (power supply included)

PMX-090T-8x: +8Vdc - +35Vdc @ 8 Watts typical (power supply not included)

Environmental

Low Operating Temperature:
0 C
High Operating Temperature:
50 C
Upper Operating Humidity:
90%

Pricing
Product variations:

PMX-090T-5A
9" Vortex86MX+ Panel PC w/1GB RAM / 2USB / Line-Out / LAN / 1COM / CF / Micro SD / 5v 20W Power Adapter
\$486.00
Order:
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Parent Product:

PMX-090T-5A-512
9" Vortex86MX+ Panel PC w/512MB RAM / 2USB / Line-Out / LAN / 1COM / CF / Micro SD / 5v 20W Power Adapter
\$440.00
Order:
1

Parent Product:

PMX-090T-8A
9" Vortex86MX+ Panel PC w/1GB RAM / 2USB / Line-Out / LAN / 1COM / CF / Micro SD / +8Vdc - +35Vdc input
\$486.00
Order:
4

Parent Product:

PMX-090T-8A-512
9" Vortex86MX+ Panel PC w/512MB RAM / 2USB / Line-Out / LAN / 1COM / CF / Micro SD / +8Vdc - +35Vdc input
\$440.00
Order:
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