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PDX-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 PDX-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 PDX-089T is a rugged compact Panel-PC. Shown here without the wireless option and antenna mounted on the chassis. The PDX-089T PPC utilizes the Vortex 486 class, 1GHz fanless processor allowing it to run Linux, WinCE and even XPE* Operating Systems. Note: while the PDX-089T PPC can run XPE its graphic capabilities are limited. If advanced graphic capabilities are required under XPE please choose the PMX-089T.

Specifications

Panéri Ciype.

Eroland DDC

Processor Processor.

Vortex86DX

Clock Speed:

1 GHz

Real Time Clock:

Memory

RAM Type:	
Onboard	
Primary Flash:	
supports CompactFlash TM 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	
Keypad:	
PS/2:	
Analog on	
D/A:	
Dimensions Dimensions.	
$9.3 \times 5.7146 \times 1.3$ in	
Weight:	
468 g	
Power Requirements	
5 volt systems ship with a 5v power supply with 15 Watts of output	
Requires: 5v @ 1.3A Typical	
Optional 8v to 32v wide range power input	
PDX-089T-5x: +5 Vdc @ 6.5 Watts typical (power supply included)	

PDX-089T-8x: +8Vdc - +35Vdc @ 7 Watts typical (power supply not included)

Environmental

EMC: CE, FCC Class A approved
ENC. CL, I CC Class A approved
Pricing Product variations:
PDX-089T-D55
PPC W/ 512MB RAM, AUDIO, TOUCH & 5V 20W Power Supply (EOL Limited stock remain)
\$450.00
PDX-089T-D85

PPC W/ 512MB RAM, 8-35V, AUDIO, TOUCH (EOL, Limited Stock Remain)

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

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

Low Operating Temperature:

High Operating Temperature:

Environmental Misc.:

0 C

60 C

\$450.00