

Source URL: https://www.emacinc.com/content/pdx-057



5.7" VGA LCD with Touchscreen

Vortex86DX 1 GHz Fanless CPU

256 MB /512 MB 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-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 PDX-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 PDX-057T PPC utilizes the Vortex 486 class, 1GHz fanless processor allowing it to run Linux and even XPE* Operating Systems. Note: while the PDX-057T PPC can run XPE its graphic capabilities are limited. If advanced graphic capabilities are required under XPE please chasses a DPC with more processing power.

Paner Processor Processor Processor Vortex86DX Fanless CPU Clock Speed: 1 GHz Real Time Clock:

Memory RAW Type. DDR2 Onboard BIOS/ Bootloader: AMI Primary Flash: supports CompactFlashTM and MicroSD Card Memory Misc.: Memory: 512MB Optional

Auuro. 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

Ll Secondary I/O Ll Y Y ont. Keypad: PS/2:

Analog on A/D. D/A:

Dimensions $6 \times 4.4 \times 1.2$ in Weight: 374 gDimensions Misc.: Shock (Operating): 15 G peak acceleration (11 ms. duration)

EMC: CE, FCC Class A approved

Power Requirements Power Mise.. PDX-057T-5x: +5 Vdc @ 6.5 Watts typical (power supply included)

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

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

Environmental Environmental misc.: PDX: -20 ~ 60° C (-4 ~ +140° F)

Relative Humidity: 10 ~ 90% @ 35 ° C (non-condensing)

Product variations: PDX-057T-D5A PPC W/ 256MB RAM, 2x USB2.0, AUDIO, TOUCH & 5V 20W Power Supply \$438.00 Parent Product:

PDX-057T-D55 5.7" PPC W/ 512MB RAM, 2xUSB2, AUDIO, TOUCH & 5V 20W Power Supply \$450.00 Parent Product:____

PDX-057T-D8A PPC W/ 256MB RAM, 8-35V, AUDIO, TOUCH \$438.00 Parent Product:

PDX-057T-D85 PPC W/ 512MB RAM, 8-35V, AUDIO, TOUCH \$450.00 Parent Product:

PDX-057T-D55N
PDX-057T-RD5A-512 PPC W/ 512MB RAM, 2x USB 2.0, AUDIO, TOUCH & No Power supply included
\$445.00
Order:
0
Parent Product:

Source URL: https://www.emacinc.com/content/pdx-057