

PEX-057T Enclosed PPC



5.7" VGA TFT LCD with Analog Resistive Touch Screen

DM&P Vortex86EX 400 MHz Fanless CPU

1 GB DDR3 System Memory Onboard

Fanless & Low Power Consumption

Metal Chassis with Compact Design

Micro SD Slot

640 (w) x 480 (h)

Colors: 262,144

View Angle: Vertical 100° & Horizontal 140°

Brightness: 500 cd/m2

Backlight Life: 50,000 Hours

Contrast Ratio: 300 : 1

1x 10/100 Ethernet

1x RS-232/422/485

2x USB 2.0 Ports

HD Audio-Realtek ALC262 CODEC

PS/2

Power Requirement: Single Voltage +5VDC (5A) / Multi Voltage +8~ +35VDC (8A)

Power Consumption: 10W

Operating Temperature: -20° to 60° C

Storage Temperature: -30° to +70° C

Operating System: Linux

Watchdog Timer: Software Programmable from 30.5u to 512 Seconds x 2 Sets

Dimensions: 152 x 112 x 33mm (5.98 x 4.41 x 1.3")

Certificate: CE / FCC / VCCI / Vibration / Shock

PEX-057T is an ultra-compact platform for the present demanding embedded and productive applications. It has new Vortex 86EX CPU which consumes only minimum power requirement when running at 400MHz, and 1GB DDR3 Onboard memory provides faster data transfer rate. By using 5.7” TFT LCD, PEX-057T becomes the perfect choice for a limited budget. In addition, the integrated 10/100M Ethernet port supplies the communication capability which makes PEX-057T can be more widely used when running with Linux, Windows CE, Windows XP, Windows 7, Windows Embedded environments to become the perfect solution for system integration.

Specifications

Panel PC type.

Enclosed DDC

Processor

Processor.

DM&P Vortex 86EX Onboard

Clock Speed:

400 MHz

Real Time Clock:

Processor Misc.:

Fanless and Low Power Consumption

Metal Chassis with Compact Design

Memory

RAM type.

DDR3 Onboard memory

Primary I/O

Audio.

1x HD Audio-Realtek ALC262 CODEC

Ethernet:

1x 10/100 Ethernet Integrated

USB:

2x USB 2.0 Ports

Serial Ports:

1x RS-232/422/485

Watchdog:

Secondary I/O

LED Port.

Keypad:

PS/2:

Touch:

Analog Resistive Touch Screen

Analog on
A/D.

D/A:

Dimensions
Dimensions.

5.98 × 4.41 × 1.3 in

Weight:

470 g

Power Requirements
Voltage.

5 V

Power Misc.:

Single Voltage: +5VDC (PEX-057T-5A)

Multi Voltage: +8~+35VDC (PEX-057T-8A)

Power Consumption: 10W

Environmental
Low Operating Temperature:

-20 C

High Operating Temperature:

60 C

Upper Operating Humidity:

90%

Environmental Misc.:

Operating Temperature: -20° to 60° C

Storage Temperature: -30° to +70° C

Pricing
Product variations:

PEX-057T-5A

PEX-057T, Vortex86EX 400 MHz, 1GB RAM, MicroSD Card, 1x COM, 2x USB2, 1x LAN, 1x Audio, 5V

\$342.00

Order:

0

Parent Product:

PEX-057T-8A

PEX-057T, Vortex86EX 400 MHz, 1GB RAM, MicroSD Card, 1x COM, 2x USB2, 1x LAN, 1x Audio, 8~35V

\$342.00

Order:

0

Parent Product:

Disk Interface:

Source URL: <https://www.emacinc.com/content/pex-057t-enclosed-panel-pc-0>