

PDX3-057T



5.7" VGA TFT LCD with Resistive Touch Screen

DM&P Vortex86DX3 Onboard 1GHz

1GB / 2GB DDR3 System Memory Onboard

Internal Drives: CompactFlash Card slot, Micro SD slot or Flash Memory onboard (CF default, others Build to order Option)

Fanless & Low Power Consumption

Metal Chassis with Compact Design

Resolution: (Pixel) 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

Cache L1: 16KB I-Cache, 16KB D- Cache / L 2: 512KB Cache

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

1x RS-232/422/485 Serial Port

2x USB 2.0 Ports

1x 10/100 Ethernet Integrated

Audio HD Audio-Realtek ALC262 CODEC

Touch Screen: Analog Resistive

Expansion Slot: None

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

Power Consumption: 20W (Ma x.)

Operating Temperature: 0~+50°C (32~+122°F) / -20~+60°C (-4~+140 °F) Optional (-I)

Storage Temperature: -30~ +70°C (14 ~+158°F)

Operating Humidity: 0% ~ 90% Relative Humidity, Non-Condensing

Operating System: Linux, Win CE, Win XP, Win 7, Windows Embedded Standard

Dimensions: 152x112x33mm (5.98x4.41x1.3 inches)

Weight: 500g

Certificate: CE / FCC / VCCI / Vibration / Shock

PDX3-057T is an ultra-compact platform for the present demanding embedded and productive applications. It has new Vortex86 DX3 fanless onboard CPU which consumes only minimum power requirement when running at 1 GHz, and 1 GB DDR3 onboard memory provides faster data transfer rate. By using 5.7” TFT LCD analog resistive touch screen, PDX3-057T becomes the perfect choice for a limited budget. In additional, the integrated 10/100M Ethernet port supplies the communication capability which makes PDX3-057T 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 DD

Processor

Processor.

DM&P Vortex86DX3-Fanless Onboard

Clock Speed:

1 GHz

Real Time Clock:

Processor Misc.:

Cashe L1: 16KB I-Cache, 16KB D- Cache / L 2: 512KB Cache

Fanless and Low Power Consumption

Memory

RAM type.

DDR3 Memory Onboard

Primary Flash:

1G / 2G Flash Memory onboard (Optional)

Secondary Flash:

CF Card and Micro SD slot (Optional)

Primary I/O

Audio:
HD Audio-Realtek ALC262 CODEC
Ethernet:
1x 10/100 Ethernet Integrated
USB:
2x USB 2.0 Ports
Serial Ports:
1x 232/422/485 Ports
Watchdog:
Primary I/O Misc.:
Watchdog Timer: Software Programmable from 30.5u to 512 Seconds x 2 Sets

Secondary I/O
L1 I/O

Keypad:
PS/2:

Analog on
A/D:

D/A:

Dimensions
Dimensions:

5.98 × 4.41 × 1.3 in

Weight:
500 g

Power Requirements
Power Misc.:

Power Requirement:

Single Voltage +5VDC (PDX3-057T-5A)

Multi Voltage +8~+35VDC (PDX3-057T-8A)

Power Consumption: 20W (Max.)

Environmental
Low Operating Temperature:

0 C

High Operating Temperature:

50 C

Upper Operating Humidity:
90%

Environmental Misc.:

Operating Temperature: 0~+50° C (32~+122° F) / -20~+60° C (-4~+140° F) Optional (-I)

Storage Temperature: -30~ +70° C (14 ~+158° F)

Operating Humidity: 0% ~ 90% Relative Humidity, Non-Condensing -30~ +70° C (14 ~+158° F)

Operating Humidity: 0% ~ 90% Relative Humidity, Non-Condensing

Pricing
Product variations:

PD3-057T-5A

PDX3-057T-5A, Vortex86DX3 1GHz, 1GB RAM, Compact flash socket, 1x COM, 2x USB2, 1x LAN, 1x Audio, 5V

\$484.00

Order:

0

Parent Product:

PD3-057T-8A

PDX3-057T-8A, Vortex86DX3 1GHz, 1GB RAM, Compact flash socket, 1x COM, 2x USB2, 1x LAN, 1x Audio, 8~35V

\$484.00

Order:

0

Parent Product:

PD3-057T-5A-2G

PDX3-057T-5A-2G, Vortex86DX3 1GHz, 2GB RAM, Compact flash socket, 1x COM, 2x USB2, 1x LAN, 1x Audio, 5V

\$498.00

Order:

0

Parent Product:

PD3-057T-8A-2G

PDX3-057T-8A-2G, Vortex86DX3 1GHz, 2GB RAM, Compact flash socket, 1x COM, 2x USB2, 1x LAN, 1x Audio, 8~35V

\$498.00

Order:

0

Parent Product:

Disk Interface:

Compact Flash Type I / II slot or Micro SD slot (build Option)

Source URL: <https://www.emacinc.com/content/pdx3-057t>