

PDX2-057T PPC



DM&P Vortex86DX2 - 933MHz CPU

Cache: L1:16KB I-Cache, 16KB D-Cache, L2: 256KB Cache

BIOS: AMI BIOS

Memory: 1GB/2GB DDR2 onboard

Watchdog Timer

Software programmable from 30.5u to 512 seconds x 2 sets

LAN: Integrated 10/100M Ethernet

Audio: HD Audio-Realtek ALC262 CODEC

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

1GB or 2GB Flash Memory onboard (Optional)

1x RS-232/422/485

2x USB ports (Ver2.0)

1x RJ-45 Port

Mechanical & Environment:

Power Requirement: Single Voltage +5VDC (PDX2-057T-5A) / Multi Voltage +8~+35VDC (PDX2-057T-8A)

Power Consumption: 20W (Max.)

Operating Temperature: 0 ~ +50? (32 ~ +122?) / -20~+60? (-4 ~ +140?) Optional & CPU down to 800MHz (-I)

Storage Temp. -30 ~ +70? (14 ~ +158?)

Operating Humidity: 0% ~ 90% relative humidity, non-condensing

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

Weight: 500g

Certification CE / FCC / VCCI / Vibration / Shock

LCD Specifications

Display Type 5.7” TFT LCD

Backlight Unit LED

Display Resolution 640(W) x 480(H)

Brightness (cd/m2) 500 nits

Contrast Ratio 300 : 1

Display Color 262, 144

Dot Pitch (mm) 0.06 (W) x 0.18 (H)

Viewing Angle: Vertical 100o, Horizontal 140o

Backlight Lifetime 50,000 hrs

Type: Analog Resistive Touch Screen

Resolution Continuous

Transmittance 80%

Controller PS / 2 interface

Software Driver

Linux, Win CE, Win XP, Win 7, Windows Embedded

Standard

Durability 1 Million Touches

PDX2-057T is an ultra-compact platform for the present demanding embedded and productive applications. It has new Vortex86 DX2 CPU which consumes only minimum power requirement when running at 933MHz, and 1 GB DDR2 onboard memory provides faster data transfer rate. By using 5.7” TFT LCD analog resistive touch screen, PDX2-057T becomes the perfect choice for a limited budget. In additional, the integrated 10/100M Ethernet port supplies the communication capability which makes PDX2-057T 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
Power PC type.

Processor	Processor
DM&P Vortex86DX2	
Clock Speed:	
933 MHz	
Real Time Clock:	
Processor Misc.:	
Cache: L1:16KB I-Cache, 16KB D-Cache, L2: 256KB Cache	
Memory	Memory
DDR2 Onboard	
BIOS/ Bootloader:	
AMI	
Primary Flash:	
Compact Flash Type I / II slot with Micro SD slot	
Memory Misc.:	
2GB Onboard DDR2 Memory onboard (Optional)	
1G / 2G Flash Memory onboard (Optional, Build to order)	
Primary I/O	Primary I/O
HD Audio-Realtek ALC262 CODEC	
Ethernet:	
1x 10/100 Ethernet Integrated with RJ-45 Port	
USB:	
2x USB 2.0 Ports	
Serial Ports:	
1x RS-232/422/485	
Watchdog:	
Secondary I/O	Secondary I/O
Keypad:	
PS/2:	
Touch:	
Analog Resistive Touch Screen	
Analog on	Analog on
D/A:	
Dimensions	Dimensions
5.98 × 4.41 × 1.3 in	
Weight:	
500 g	
Power Requirements	Power Requirements
Power Requirement: Single Voltage +5VDC (PDX2-057T-5A) / Multi Voltage +8~+35VDC (PDX2-057T-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? (32 ~ +122?) / -20~+60? (-4 ~ +140?) Optional & CPU down to 800MHz (-I)

Storage Temp. -30 ~ +70? (14 ~ +158?)

Operating Humidity: 0% ~ 90% relative humidity, non-condensing

Pricing
Product Variations:

PD2-057T-5A

PDX2-057T-5A, Vortex86DX2 933 MHz, 1GB RAM, Compact flash socket, 1x COM, 2x USB2, 1x LAN, 1x Audio, 5V

\$470.00

Order:

0

Parent Product:

PD2-057T-8A

PDX2-057T-8A, Vortex86DX2 933 MHz, 1GB RAM, Compact flash socket, 1x COM, 2x USB2, 1x LAN, 1x Audio, 8~35V

\$470.00

Order:

0

Parent Product:

PD2-057T-5A-2G

PDX2-057T-5A-2G, Vortex86DX2 933 MHz, 2GB RAM, Compact flash socket, 1x COM, 2x USB2, 1x LAN, 1x Audio, 5V

\$486.00

Order:

0

Parent Product:

PD2-057T-8A-2G

PDX2-057T, Vortex86DX2 933 MHz, 2GB RAM, Compact flash socket, 1x COM, 2x USB2, 1x LAN, 1x Audio, 8~35V

\$486.00

Order:

0

Parent Product:

Disk Interface:

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

Source URL :

