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PDX2-090T



9" VGA TFT LCD Analog Resistive Touch Screen

CPU: DM&P Vortex86DX2 933 MHz

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

Memory: 1GB / 2GB DDR2 Memory Onboard

LCD Resolution: (Pixel) 1024(W) x 600(H)

LCD Colors: 262,144

LCD View Angle: Vertical 120° / Horizontal 140°

LCD Brightness: 300 cd/m2

LCD Backlight Life: 18,000 hrs

LCD Contrast Ratio: 500 : 1

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

1x RS-232/422/485 Serial Ports

2x USB 2.0 Ports

1x 10/100 Ethernet Integrated

HD Audio-Realtek ALC262 CODEC

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

Expansion Slot: None

Power Requirement: Single Voltage +5VDC (5A)

Multi Voltage: +8~+35VDC (8A)

Power Consumption: 20W

Operating Temperature: 0 ~ +50° C (32 ~ +122° F) / -20 ~ +60° C (-4 ~ +140° F) Optional & CPU down to 800MHz (-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: 236.6x146x35mm (9.31x5.75x1.38 inches)

Weight: 760g

Certificate: CE / FCC / VCCI / Vibration / Shock / IP65 (Front Panel)?

PDX2-090T is an ultra-compact platform for the present demanding embedded and productive applications. It has new DM&P Vortex86 DX2 onboard CPU which consumes only minimum power requirement when running at 933 MHz, and 1GB / 2GB DDR2 Onboard memory provides faster data transfer rate. By using 9" VGA TFT LCD analog resistive touch screen, PDX2-090T becomes the perfect choice for a limited budget. In additional, the integrated 10/100M Ethernet port supplies the communication capability which makes PDX2-090T can be more widely used when running with Linux, Windows Embedded environments to become the perfect solution for system integration.

Specifications

Panel PC Type:

Enclosed PPC

Processor

Processor:

DM&P Vortex86DX2 Onboard

Clock Speed:

933 MHz

Real Time Clock:

Processor Misc.:

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

Fanless & Low Power Consumption

Metal Chassis with Compact Design

Memory

RAM Type:

DDR2 Onboard

Primary Flash:

1G / 2G Flash Memory onboard (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 RS-232/422/485

Watchdog:

Primary I/O Misc.:

2x Watchdog Timer:

Software Programmable from 30.5u to 512 Seconds

Secondary I/O

LPT Port:

Keypad:

PS/2:

Touch:

Analog Resistive Touch Screen

Analog on

A/D:

D/A:

Dimensions

Dimensions:

9.31 × 5.75 × 1.38 in

Weight:

760 g

Power Requirements

Power Misc.:

Power Requirement: Single Voltage +5VDC (PDX2-090T-5A)

Multi Voltage: +8~+35VDC (PDX2-090T-8A)

Power Consumption: 20W

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 & CPU down to 800MHz (-I)

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

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

Pricing

Product Variations:

PD2-090T-5A

PDX2-090T-5A, Vortex86DX2 933 MHz, 1GB RAM, Compact flash socket, 1x COM, 2x USB2, 1x LAN, 1x Audio, 5V

$470.00

Order:

0

Parent Product:

PD2-090T-8A

PDx2-090T-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:

PD2-090T-5A-2G
PDX2-090T-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:

PD2-090T-8A-2G
PDX2-090T-8A-2G, 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)

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