

PDX-057T

Industrial 5.7" Panel PC

FEATURES

- 5.7" TFT LCD
- DM&P Vortex86DX 1GHz onboard
- 256MB DDR2 system memory onboard
- Compact Flash Type I/II Slot
- MicroSD support
- Audio out
- Mini-PCI socket
- Fanless and low power consumption
- Metal chassis



The PDX-057T is an ultra compact platform for demanding embedded and productive applications. Using the new Vortex86DX SoC CPU, it has minimal power requirements when running at 1GHz, while its DDR2 memory provides a faster data transfer rate. With a 5.7" TFT LCD, the PDX-057T is the perfect choice for a limited budget. An integrated 10/100M Ethernet port supplies the communication capability. The PDX-057T can be used in DOS, Linux, Windows CE, and Windows XP environments to become the perfect solution for system integration.

SPECIFICATIONS

CPU	DM&P SoC CPU Vortex86DX-1GHz
Cache	L1:16KB I-Cache, 16KB D-Cache, L2: 128KB Cache
BIOS	AMI BIOS
Memory	256/512MB DDR2 onboard
Watchdog Timer	Software programmable from 30.5u to 512 seconds, x2 sets
LAN	Integrated 10/100M Ethernet
Audio (Optional)	CM119 Line-Out
Internal Drives	Compact Flash Type I/II slot, Micro SD slot
I/O	RS-232/422/485 x 1, USB ports (Ver2.0) x 3
Expansion Slot	Mini-PCI socket x 1

MECHANICAL & ENVIRONMENT

Power Requirement	+5V DC, +8~+35V DC(Optional)
Power Consumption	1.3A
Operating Temp.	-5 ~ +60°C (+23 ~ +140°F)
Storage Temp.	-20 ~ +70°C (-4 ~ +158°F)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Dimensions	152 x 112 x 33 mm (5.98 x 4.41 x 1.3 inches)
Weight	374g
Certification	CE, FCC, UL, VCCI

ORDERING INFORMATION

Part Number	
PDX-057T	Industrial 5.7" Panel PC

LCD SPECIFICATIONS

Display Type	5.7" TFT LCD
Backlight Unit	LED
Display Resolution	640 (W) x 480 (H)
Brightness (cd/m ²)	400 cd/m ²
Contrast Ratio	300:1
LAN	Integrated 10/100M Ethernet
Display Color	262,144
Dot Pitch (mm)	0.06 x 0.18
Viewing Angle	Vertical 100°, Horizontal 140°
Backlight Lifetime	25,000 hrs

TOUCHSCREEN

Type	Analog Resistive
Resolution	Continuous
Transmittance	80%
Controller	USB interface
Software Driver	DOS/Linux/WinCE/WinXP
Durability	1 million