

# PDX-057T / PMX-057T

## Features

- 5.7" TFT LCD with resistive touchscreen
- DM&P Processor 1GHz onboard
- 256MB/512MB/1GB DDR2 system memory onboard
- Compact Flash Type I/II / Micro SD Slot
- Mini-PCI socket (Wi-Fi Optional)
- Fanless and low power consumption
- Metal chassis with compact design



## Specification

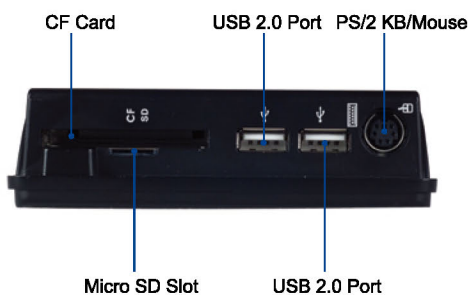
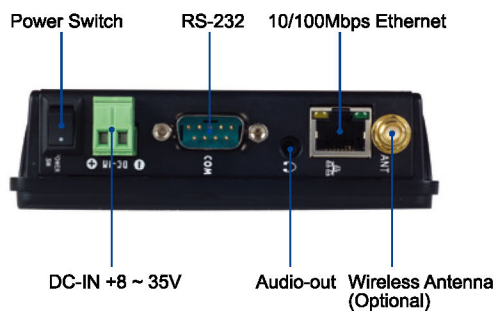
Specification		Model	PDX-057T	PMX-057T
LCD Display	Type		VGA TFT LCD	
	Size		5.7"	
	Resolution(Pixel)		640x480	
	Colors		262,144	
	View Angle		Vertical 100°, Horizontal 140°	
	Brightness		500 cd/m2	
	Backlight life		25,000 hrs	
	Contrast Ratio		300:1	
CPU			DM&P Vortex86DX 1GHz	DM&P Vortex86MX+ 1GHz
Cache			L1:16KB I-Cache, 16KB D-Cache L2: 256KB Cache	
Memory			256/512MB DDR2 onboard	1GB DDR2 onboard
Watchdog Timer			Software programmable from 30.5u to 512 seconds x 2 sets	
Serial Port			RS-232/422/485 x 1	
USB Ports			USB ports (Ver2.0) x 2	
Ethernet			Integrated 10/100M Ethernet	
Audio			CM119 Audio Controller	HD Audio-Realtek ALC262 CODEC
Internal Drives			Compact Flash Type I/II slot, Micro SD slot	
Touch Screen Type			Analog Resistive	
Expansion Slot			Wi-Fi Optional	Wi-Fi Optional
Power Requirement			+5VDC / +8~+35VDC	+5VDC / +8~+35VDC
Power Consumption			+5V@1.3A	+5V@1.5A
Operating Temperature			-20 ~ +60 °C (-4 ~ +140 °C)	0 ~ +50 °C (32 ~ +122 °C)
Storage Temperature			-30 ~ +70 °C (-22 ~ +158 °C)	-10 ~ +60 °C (14 ~ +140 °C)
Operating Humidity			0% ~ 90% relative humidity, non-condensing	
Operating System			DOS, Linux, Windows CE, Windows XP	
Dimensions			152 x 112 x 33mm (5.98 x 4.41 x 1.3 inches)	
Weight			374g	
Certification			CE, FCC, VCCI, Vibration	

# Introduction

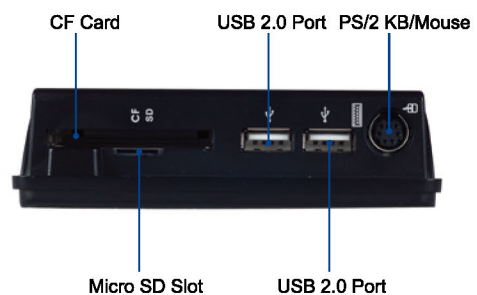
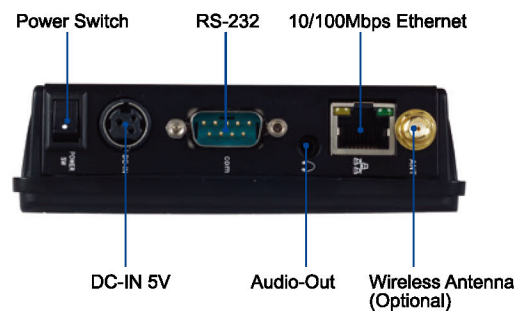
PDX-057T is an ultra compact platform for the present demanding embedded and productive applications. It has new Vortex86DX SoC CPU which consumes only minimum power requirement when running at 1GHz, and DDR2 memory provides faster data transfer rate. By using 5.7" TFT LCD, PDX-057T becomes the perfect choice for a limited budget. In addition, the integrated 10/100M Ethernet port supplies the communication capability which makes PDX-057T can be more widely used when running with DOS, Linux, Windows CE, and Windows XP environment to become the perfect solution for system integration.

## Side View

### PDX-057T-D8A / PMX-057T-8A



### PDX-057T-D5A / PMX-057T-5A



## Ordering Information

PDX-057T-D5A	5.7" Vortex86DX Panel PC w/256MB DDR2 /2USB/Line-Out/LAN/1COM/CF/MicroSD/15W Power Adapter
PDX-057T-D8A	5.7" Vortex86DX Panel PC w/256MB DDR2 /2USB/Line-Out/LAN/1COM/CF/MicroSD
PDX-057T-D5A-512	5.7" Vortex86DX Panel PC w/512MB DDR2 /2USB/Line-Out/LAN/1COM/CF/MicroSD/15W Power Adapter
PDX-057T-D8A-512	5.7" Vortex86DX Panel PC w/512MB DDR2 /2USB/Line-Out/LAN/1COM/CF/MicroSD
PMX-057T-5A	5.7" Vortex86DX Panel PC w/1GB DDR2 /2USB/Line-Out/LAN/1COM/CF/MicroSD/15W Power Adapter
PMX-057T-8A	5.7" Vortex86DX Panel PC w/1GB DDR2 /2USB/Line-Out/LAN/1COM/CF/MicroSD