

PDX-089T / PMX-089T

Features

- 8.9" TFT LCD with resistive touchscreen
- DM&P Processor 1GHz onboard
- 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

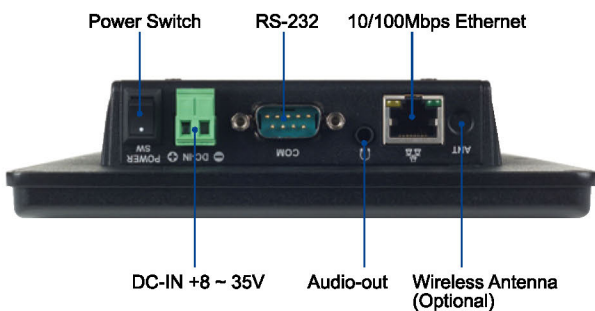
Specification		Model	PDX-089T	PMX-089T
LCD Display	Type	WSVGA TFT LCD		
	Size	8.9"		
	Resolution	1024x600		
	Colors	262,144		
	View Angle	Vertical 110°, Horizontal 140°		
	Brightness	220 cd/m2		
	Backlight life	25,000 hrs		
	Contrast Ratio	500:1		
CPU			DM&P Vortex86DX 1GHz	DM&P Vortex86MX+ 1GHz
Cache		L1:16KB I-Cache, 16KB D-Cache L2: 256KB Cache		
Memory			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			1.3A	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		236.6 x 146 x 35mm (9.31 x 5.75 x 1.38 inches)		
Weight		468g		
Certification		CE, FCC, VCCI, Vibration, IP65(Front Panel)		

Introduction

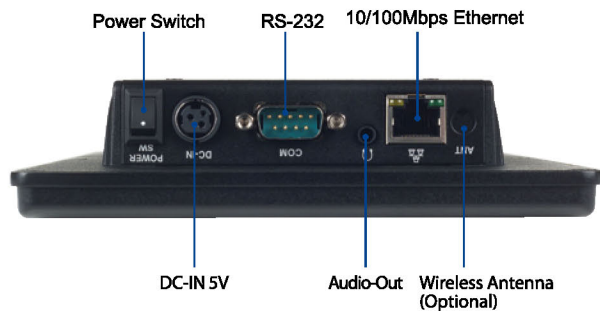
PDX-089T is an ultra compact platform for the present demanding embedded and productive applications. It has new Vortex86DX SoC CPU which consumes only minimum power requirement when running at 1GHz, and DDR2 memory provides faster data transfer rate. By using 8.9" TFT LCD, PDX-089T becomes the perfect choice for a limited budget. In addition, the integrated 10/100M Ethernet port supplies the communication capability which makes PDX-089T 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-089T-D8A / PMX-089T-8A



PDX-089T-D5A / PMX-089T-5A



Ordering Information

PDX-089T-D5A-512	8.9" Vortex86DX Panel PC w/512MB DDR2 /2USB/Line-Out/LAN/1COM/CF/MicroSD/15W Power Adapter
PDX-089T-D8A-512	8.9" Vortex86DX Panel PC w/512MB DDR2 /2USB/Line-Out/LAN/1COM/CF/MicroSD
PMX-089T-5A	8.9" Vortex86DX Panel PC w/1GB DDR2 /2USB/Line-Out/LAN/1COM/CF/MicroSD/15W Power Adapter
PMX-089T-8A	8.9" Vortex86DX Panel PC w/1GB DDR2 /2USB/Line-Out/LAN/1COM/CF/MicroSD