



## FEATURES

- 9" TFT LCD with Resistive Touchscreen
- DMP Vortex86 CPU MX+ / DX2 933MHz Onboard
- 512MB / 1GB / 2GB Memory Onboard
- Integrated 10/100Mbps Ethernet/Giga Ethernet
- RS-232/422/485 Port
- Compact Flash Type I/II / Micro SD Slot / SATA Slim DOM
- Fanless and Low Power Consumption
- Metal Chassis with Compact Design



## Technical Specification

MODEL		PMX-090T	PPC-090T
LCD Display	Type	WSVGA TFT LCD	
	Size	9"	
	Resolution (Pixel)	1024x600	
	Colors	262,144	
	View Angle	Vertical 100°, Horizontal 140°	
	Brightness	300 cd/m <sup>2</sup>	
	Backlight life	25,000 hrs	
	Contrast Ratio	500:1	
CPU	DMP Vortex86MX+ 933MHz	DMP Vortex86DX2 933MHz	
Cache	L1: 16KB I-Cache, 16KB D-Cache L2: 4-way, 256KB L2 Cache		
Memory	512MB / 1GB DDRII onboard	1GB / 2GB DDRII onboard	
Watchdog Timer	Software Programmable from 30.5u to 512 Seconds x 2 Sets		
Serial Port	RS-232/422/485 x 1	RS-232/422/485 x 2	
USB Ports	USB ports (Ver2.0) x 2		
Ethernet	Integrated 10/100Mbps Ethernet	Integrated 10/100Mbps Ethernet / Giga Ethernet	
Audio	HD Audio-Realtek ALC262 CODEC	HD Audio-Realtek ALC262 CODEC	
Internal Drives	Compact Flash Type I/II slot, Micro SD slot	SATA Slim DOM, Compact Flash Type I/II slot or SD slot	
Touch Screen Type	Analog Resistive		
Expansion Slot	Wi-Fi Optional		
Power Requirement	+5VDC / +8~+35VDC (DC10~24V with Power Switch)	+12VDC / +24VDC	
Power Consumption	+5V@1.5A	+24VDC@0.7A	
Operating Temperature	0 to +50°C (+32°F to +122°F) -20 to +60°C (-4 to +140°F)	0 to +50°C (+32°F to +122°F) -20 to +60°C (-4 to +140°F)	
Storage Temperature	-30 to +70°C (-22 to +158°F)	-10 to +60°C (+14°F to +140°F)	
Operating Humidity	0% to 90% Relative Humidity, Non-Condensing		
Operating System	DOS, Linux, Windows CE, Windows XP, Windows 7 Embedded (PPC Series)		
Dimensions	236.6 x 146 x 35 mm (9.31 x 5.75 x 1.38 inches)	242 x 156.5 x 44 mm (9.68 x 6.26 x 1.76 inches)	
Weight	468g	1400g	
Certificate	CE, FCC, VCCI, TUV, NRTL, Vibration, Shock, IP65 (Front Panel)	CE, FCC, VCCI, Vibration, Shock, IP65 (Front Panel)	

## ORDERING INFORMATION

PMX-090T-5A	9" Vortex86MX+ Panel PC w/1GB RAM / 2USB / Line-Out / LAN / 1COM / CF / MicroSD / Power Adapter
PMX-090T-8A	9" Vortex86MX+ Panel PC w/1GB RAM / 2USB / Line-Out / LAN / 1COM / CF / MicroSD
PPC-090T-D2N4N-GE	9" Panel PC w/1GB Memory / 3USB / AUDIO / LAN / GigaLAN / 2COM / DC12~24V
PPC-090T-D2W4N-GE	9" Panel PC w/1GB Memory / 3USB / AUDIO / LAN / GigaLAN / 2COM / DC12~24V / Wide Temp
PPC-090T-D2N5N-GE	9" Panel PC w/2GB Memory / 3USB / AUDIO / LAN / GigaLAN / 2COM / DC12~24V
PPC-090T-D2W5N-GE	9" Panel PC w/2GB Memory / 3USB / AUDIO / LAN / GigaLAN / 2COM / DC12~24V / Wide Temp