

Compact Design PANEL PC

8.9" Vortex86DX 1GHz Panel PC Fanless and low power consumption w/1GB memory, with DC 8-35V input,DDR2/2USB/AUDIO/LAN/COM/CF/microSD,with resistive touchscreen

(Model: XPC0890-1GDC)



Wide Temp
-20°C to +60°C

Features:

- 8.9" TFT LCD with resistive touchscreen
- DM&P Vortex86DX 1GHz onboard
- 512MB 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

Introduction

XPC0890-1GDC 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, XPC0890-1GDC becomes the perfect choice for a limited budget. In addition, the integrated 10/100M Ethernet port supplies the communication capability which makes XPC0890-1GDC can be more widely used when running with DOS, Linux, Windows CE, and Windows XP environment to become the perfect solution for system integration.

System Specifications

CPU	DM&P Vortex86MX+ 1GHz
Cache	L1:16KB I-Cache, 16KB D-Cache L2: 256KB Cache
Memory	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	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
Power Requirement	+5VDC / +8-+35VDC
Power Consumption	1.5A
Operating Temperature	0~+50°C(32~+122°C)
Storage Temperature	-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)

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

Side View

XPC0890-1GDC



XPC0890-1G

