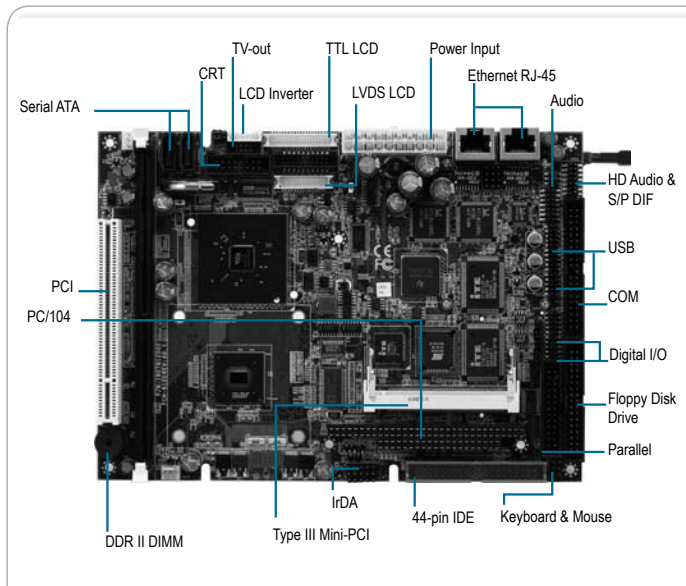


# PCM-8120

■ Compact Board with VIA C7™/ Eden™ (V4 Bus) Series Processors



## Features

- Onboard VIA C7™/ Eden™ (V4 Bus) Series Processors
- VIA C7™/ Eden™ (V4 Bus) + CX700M
- DIMM DDR II 400/533 up to 1 GB
- 10/100Base-TX Ethernet x 2
- Up to 24-bit Dual-channel LVDS TTL/ LVDS LCD, DVI, TV-out and CRT
- HD 5.1CH Audio
- Type II CompactFlash™ x 1, SATA II x 2, EIDE x 1, Floppy Disk Drive x 1
- USB2.0 x 6, COM x 4, 16-bit Digital I/O, Parallel x 1
- PCI x 1, Mini-PCI x 1, PC/104 x 1 & PCMCIA x 1
- AT/ATX



## Specifications

System	
Form Factor	5.25"
Processor	VIA C7™/ Eden™ (V4 Bus) series processors up to 2.0 GHz with FSB 533 MHz
System Memory	240-pin DDRII DIMM x 1, Max 1 GB (DDR-400/533)
Chipset	VIA C7™/ Eden™ (V4 Bus) + CX700M
I/O Chipset	ITE IT8712 + IT8888G
Ethernet	Realtek RTL 8139DL, 10/100Base-TX, RJ-45 x 2
BIOS	Award 1 MB Flash ROM
Wake On LAN	Yes
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports power supply voltages, fan speed, and temperature monitoring
Expansion Interface	Mini-PCI x 1, PCI x 1, PC/104 x 1 & PCMCIA x 1
Battery	Lithium battery
Power Requirement	AT/ ATX
Power Consumption (Typical)	VIA Eden™ 1 GHz, DDRII 533 1 GB 2.69A@+5V
Board Size	8" (L) x 5.75" (W) (203mm x 146mm)
Gross Weight	1.2 lb (0.5 kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	50,000
Display	
Chipset	Supports CRT/LVDS, LVDS/TV or CRT/TTL, CRT/DVI, TV/TTL, TV/DVI simultaneous/ Dual view display. Supports MPEG-4 accelerator
Memory	VIA CX700M integrated
Memory	Shared system memory up to 128 MB
Resolutions	Up to 1600x1200 @ 32bpp for CRT Up to 1600x1200 @ 24bpp for LCD
LCD Interface	Up to 24-bit dual-channel LVDS TFT LCD, up to 24-bit TTL TFT LCD
TV-out	Supports NTSC and PAL standard, S-Terminal and Composite Video
DVI	Yes
I/O	
Storage	EIDE x 1 (UDMA 100 for one device), SATA II x 2, Type II CompactFlash™ x 1, Floppy Disk Drive x 1
Serial Port	RS-232 x 3, RS-232/422/485 x 1
Parallel Port	SPP/ EPP/ ECP mode
USB	USB2.0 x 6
PS/2 Port	Keyboard x 1, Mouse x 1
Digital I/O	Supports 16-bit (Programmable)
IrDA	One IrDA Tx/Rx header
Audio	Mic-in, Line-in, Line-out, CD-in, S/PDIF in/out, 5.1CH

## Packing List

- 9657666600  
Jumper Cap
- Quick Installation Guide
- Utility CD
- PCM-8120

## Ordering Information

- **TF-PCM-8120-A10-04 (Fanless)**  
5.25" Board, Eden™ 1 GHz, TTL-LVDS-DVI-TV, DDRII, LAN, COM, USB, CompactFlash™, Mini-PCI, PCI, Rev. A1.0
- **TF-PCM-8120-A10-05 (Fanless)**  
5.25" Board, Eden™ 1 GHz, TTL-LVDS-DVI-TV, DDRII, LAN, COM, USB, CompactFlash™, Mini-PCI, PCI, PC/104, PCMCIA, Rev. A1.0
- **TF-PCM-8120-A10-06**  
5.25" Board, C7™ 2 GHz, TTL-LVDS-DVI-TV, DDRII, LAN, COM, USB, CompactFlash™, Mini-PCI, PCI, PC/104, PCMCIA, Rev. A1.0

## Optional Accessories

- **TF-PER-A031**  
Cable Kit for PCM-8120
- **1700300240**  
DVI Cable
- **TF-PER-C10L-A10**  
Mini-PCI 10/100Base-TX Ethernet Module with Realtek 8100C
- **TF-PER-C10L-A10-01**  
Mini-PCI 10/100/1000Base-TX Ethernet Module with Realtek 8110S
- **TF-PER-C10L-A10-02**  
Mini-PCI 10/100Base-TX Ethernet Module with Intel® 82551QM
- **TF-PER-C10L-A10-03**  
Mini-PCI 10/100/1000Base-TX Ethernet Module with Intel® 82541G1
- **TF-PER-C30F-A10**  
Mini-PCI 3-port IEEE 1394a Module
- **TF-PER-V30C-A11**  
Mini-PCI Single Channel Capture Module with Philips SAA7135
- **TF-PER-C40C-A11**  
Mini-PCI 2-port RS-232 Module Rev. A1.0
- **TF-PER-C40C-A10-01**  
Mini-PCI 4-port RS-232 Module Rev. A1.0