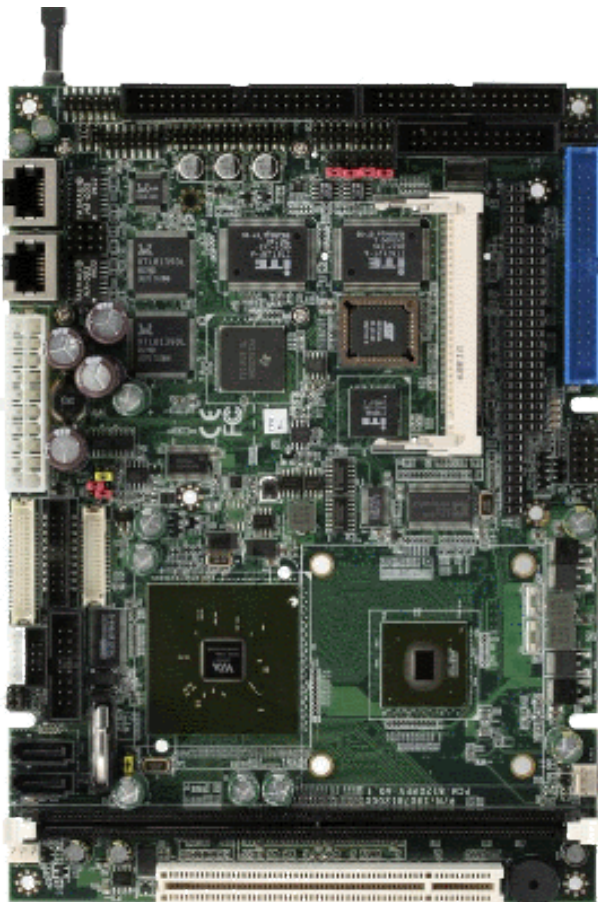


PCM-8120



Embedded VIA C7/ Eden (V4 Bus) series processors up to 2GHz

DIMM DDR II 400/533 up to 1GB

PC/104, PCI, Type III Mini PCI & Type II PCMCIA

Dual 10/100Base-Tx Ethernet

Supports IDE, SATA II x 2, Compact Flash & FDD

4 COM Ports, 6 USB 2.0 Ports, Parallel Port & PS/2

Dual-channel LVDS, DVI and TV-out

High Definition Audio 7.1 CH

MPEG-4 accelerator

The PCM-8120 adopts a VIA C7 processor which features low power consumption and transcendent performance. In addition to the VIA C7 processor from 1GHz to 2GHz, this model can be equipped with an Eden V4 Bus (400MHz to 1.5GHz) processor. Moreover, 240-pin DDRII DIMM system memory is up to 1GB. For network connection, the PCM-8120 deploys Realtek RTL 8139DL 10/100Base-TX chip and features two RJ-45 ports onboard. This new Compact Board configures a VIA CX700M integrated display chipset to support CRT/LVDS, LVDS/TV or CRT/TTL, CRT/DVI, TV/TTL, TV/DVI simultaneous/dual view display. In addition, it supports MPEG-4 accelerator to enhance the performance of multimedia applications. **Flash Disk and Memory not included.**

Specifications

SBC Type:
Single Board Computers > 1 GHz
Processor
Processor:
VIA C7/Eden Fanless
Clock Speed:
2 GHz
Real Time Clock:
Processor Misc.:
Chipset: CX700M

Memory
BIOS/Bootloader:
AWARD Plug & Play ISA BIOS 512KB
Primary Flash:
1x CompactFlash™ card Type I/II

Primary I/O
GPIO:
16x programmable
Disk Interface:
1x EIDE (Ultra DMA 100)
Video Out:
VIA CX700M Dual Display CRT/LVDS up to 128 MB Shared
Audio:
On Board VIA VT1708 HD Audio CODEC (Mic-in and line-out 1/8
Ethernet:
10/100 Base-T Intel® 82551ER
USB:
6x USB 2.0
Serial Ports:
3x RS-232
1x RS-232/422/485
1x Parallel SPP/EPP/ECP
Watchdog:
Primary I/O Misc.:
I/O Chipset: ITE IT8712 + IT8888G

Serial ATA: 2 Channels of SATAII with RAID 0 & 1

Floppy Disk Drive Interface: 1x Floppy channel

IrDA: 1x IrDA Tx/Rx header

Ethernet Interface: Dual IEEE 802.3u 100 BASE-T Fast Ethernet compatible

Secondary I/O
LFI Port:
Keypad:
PS/2:

Analog on

A/D:

D/A:

Dimensions

5.75 × 8 in

Weight:

850 g

Form Factor:

Full EBX

Power Requirements

5 V

Power Misc.:

Hardware Status Monitoring: Supports Power Supply Voltages, Fan Speed & Temperature Monitoring

Power Requirements (Celeron M 600, 256 M DDR266)

- Maximum: +5 V @ 2.63 A, +12 V @ 0.03 A
- Typical: +5 V @ 2.0 A, +12 V @ 0.03 A

Environmental

Low Operating Temperature:

0 C

High Operating Temperature:

60 C

Upper Operating Humidity:

90%

Pricing

PCM-8120-05
EDEN 1 GHZ SBC W/Audio,TTL,LVDS,DVI,TV,DUAL LAN
\$380.00

Parent Product:

PCM-8120-06
C7 2 GHZ SBC W/Audio,TTL,LVDS,DVI,TV,DUAL LAN
\$516.00

Parent Product:

Cables & Adapters:

PCM-8120 Cable Kit

Cable Kit

\$0.00

PCM-8120 DVI Cable

DVI Cable

\$0.00

Source URL: <https://www.emacinc.com/content/pcm-8120>