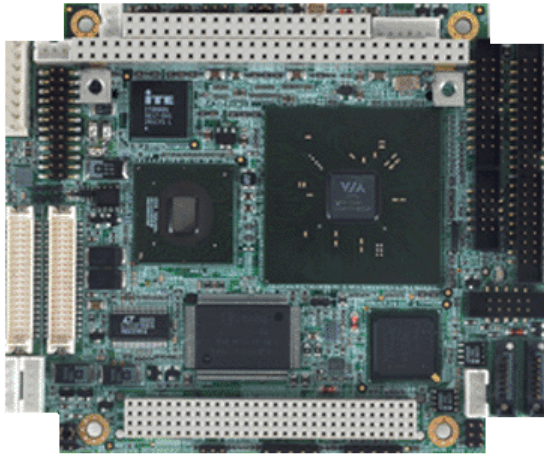


PCM-3372



Intel Ultra Low Voltage Embedded VIA Eden Fanless Processor

Processor Speed Options from 400 Mhz to 1 GHz

200-pin DDR SO-DIMM up to 1GB DDR2 SDRAM

Support Dual Independent Display (CRT, LVDS and TTL LCD)

Intel 82551ER 10/100 Base-T Ethernet

Both IDE and SATA Interfaces

6 x USB Ports

2 x Serial Ports

Compact Flash Socket

Supports PC/104 and PC/104+ Interface

The PCM-3372 utilizes an onboard Intel Ultra-Low Voltage Fanless VIA Eden V4 400/600 MHz, which makes the PCM-3372 one of the smallest and most powerful SBCs on the market. The PCM-3372 gives developers a low power, high performing and scalable platform that can fit into the tightest places. PC/104+ I/O expansion allows features to be quickly added using any one of EMAC's many PC/104 or PC/104+ expansion modules. The PCM-3372 is perfect for applications such as military and industrial automation where uncompromised performance in a limited space is required. The PCM-3372 provides the quality features available on SBC boards several times its size. The VIA CX700 graphic chipset has excellent graphics performance and provides flat panel support using digital dual independent displays with CRT and LVDS interfaces. SDRAM memory capacity up to 1GB is large enough to accommodate the latest operating systems, including Linux, RTAI Real-Time Linux, Microsoft Windows XP/XPE, Windows CE.net, Windows Vista and DOS 6.22. Six USB 2.0 ports are available as well as 2 serial ports (RS-232 & RS-232/422/485). With its industrial grade reliability, the PCM-3372 can operate continuously at temperatures up to 140° F (60° C) without a fan. The numerous features provide an ideal price/performance solution for high-end commercial and industrial applications where stability and reliability (no moving parts) are essential.

Specifications

SBC type:
EMAC Single Board Computers
Processor

Processor:
Embedded VIA Eden
Clock Speed:
400 MHz
Real Time Clock:
Processor Misc.:
Optional Processor: Embedded VIA Eden 600 MHz/ Ultra Low Voltage 1.0 GHz

L2 Cache: 128 KB

Chipset: VIA CX700

Memory
BIOS/ Bootloader:
AWARD 4 Mbit Flash BIOS

Primary I/O
GPIO.

4x inputs

4x outputs

Disk Interface:

1x EIDE

Audio:

HD Audio Stereo

Ethernet:

10/100 Base-T Ethernet Intel 82551ER

USB:

6x USB 2.0

Serial Ports:

1x RS-232

1x RS-232/422/485

Watchdog:

Primary I/O Misc.:

SATA: Interface: Two Serial ATA channels

Secondary I/O
LPT Port.

Keypad:

PS/2:

Analog on
A/D.

D/A:

Dimensions
Dimensions.

4.5 × 3.8 in

Form Factor:

PC/104+

Power Requirements
Voltage.

5 V

Typical Current:

1.45 A

Typical Voltage:

5 V

Power Misc.:

Power Management: ACPI Support, APMI 1.2

Environmental

Low Operating Temperature:

0 C

High Operating Temperature:

60 C

Pricing

PCM-3372F-J

400MHZ VIA EDEN SBC

\$0.00

Parent Product:

PCM-3372F-M

600MHZ VIA EDEN SBC

\$0.00

Parent Product:

PCM-3372F-S

1.0GHZ ULV VIA EDEN SBC

\$0.00

Parent Product:

Source URL: <https://www.emacinc.com/content/pcm-3372>