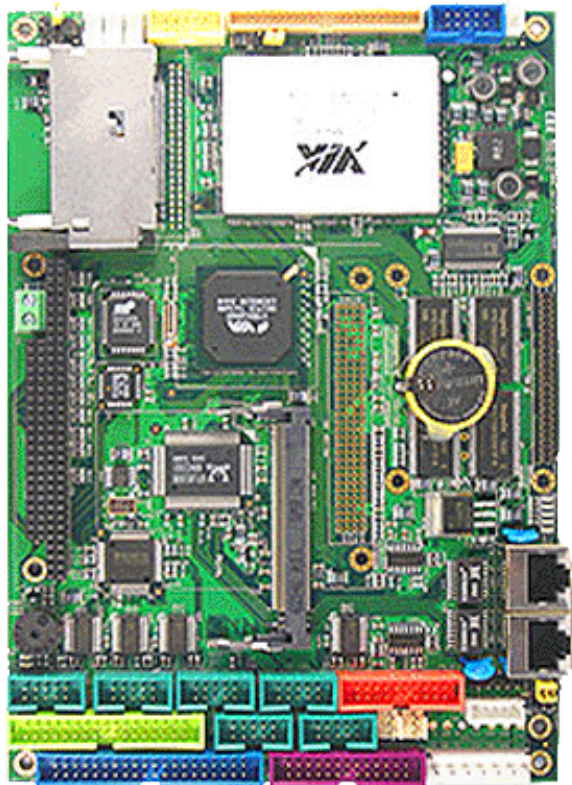


### PCM-6240



CPU: Fanless VIA Mark CoreFusion running at 533MHz

256MB of on-board SDRAM RAM

Integrated 2D/3D graphics with MPEG2 Accelerator

Dual 10/100 Base-T Ethernet

2 x USB Ports

6 x Serial Ports

PC/104+ Expansion

The PCM-6240 Single-Board-Computer is powered by a Fanless 533 MHz VIA Mark Processor which is a high performance, cost-effective processor with integrated ProSavage4 SA graphics controller. The processor integrates VIA's high-performance ProSavage4 3D / 2D graphics controller with LCD and Flat Panel display interfaces. The PCM-6240's South Bridge is PC98 / PC99 compliant with integrated UltraDMA-100/66/33 IDE, 2 USB 1.1 ports, Dual Ethernet and AC-97 link supporting digital audio functions. The PCM-6240 integrates S3 Graphics and 128-bit ProSavage4 graphics accelerators that bring mainstream graphics performance to the PCM-6240 with leading-edge 2D, 3D and DVD video acceleration as well as combining the industry's first integrated AGP 4X solution with Microsoft Direct-X texture compression and massive 2Kx2K textures to deliver unprecedented 3D performance and image quality. In addition, two USB ports are available as well as one Parallel port (SPP/EPP/ECP modes), an UltraDMA – 100/66/3 EIDE port (which supports up to 2 IDE devices) and four RS-232 and two RS-232/485 serial ports. The numerous features provide an ideal price/performance solution for commercial and industrial applications where stability and reliability (no moving parts) are essential.

Specifications

SBC type.

## EMC Single Board Computers

### Processor

Via Mark CoreFusion

Clock Speed:

533 MHz

Real Time Clock:

Processor Misc.:

Chipset: VIA VT82C686B

L1 Cache: 64KB

L2 Cache: 64KB

### Memory

BIOS Downloader:

AMI BIOS

Primary Flash:

1x CompactFlash™ card Type I/II 1x EmbedDisk

### Primary I/O

GPIO:

1x 16 bit GPIO

Disk Interface:

1x EIDE (UDMA 33/66/100) support 2x IDE Drives

Ethernet:

Dual 10/100 Ethernet Realtek 8100B

Serial Ports:

1x Parallel SPP/EPP/ECP

4x RS-232

2x RS-232/485

Watchdog:

Primary I/O Misc.:

VGA/Flat-Panel Interface

Video Memory: Shared System Memory 8M/16M/32M

Display Type: VGA, SVGA, XGA, SXGA and DSTN/TFT Flat Panel interface support

### Secondary I/O

LPT Port:

Keypad:

PS/2:

Analog on

A/D:

D/A:

### Dimensions

Dimensions:

5.75 × 8 in

Form Factor:

Full EBX

### Power Requirements

Typical Current:

2.5 A

Typical Voltage:  
5 V

Environmental  
Pricing

PC<sub>UMI-UZ70</sub>-0

EBX SBC W/ VIA 533 SBC, 256 MB RAM With Cables

\$378.00

Parent Product:

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Source URL: <https://www.emacinc.com/content/pcm-6240>