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## PCM-4823



Compact size (145 mm x 102 mm). Fits in the space of a 3•" HDD

ISA-bus expansion with on-board PC/104 connector

On-board Intel® 486DX4-100 processor

Local bus VGA/LCD display controller (LCD, EL and VGA displays) plus on-board DB-15 connector (PCM-4823 only)

Supports M-Systems' DiskOnChip• 2000 Flash memory

On-board 10Base-T Ethernet interface

Accepts up to 32 MB EDO DRAM

On-board mini-DIN PS/2 keyboard/ mouse connector

Built-in Enhanced IDE hard disk drive interface, floppy disk interface and parallel port

Two serial ports: one RS-232 and one RS-232/422/485; on-board DB-9 connector is designated as COM1

"Green Function" CPU card with sleep mode and low power consumption

Single +5 V power supply

Flexible OEM/ODM design

The Half-EBX PC is the ultimate cost-effective solution for limited space applications. These small all-in-one computers are the same size as a 3½" hard disk drive and perform all the functions of an industrial computer and more! The PCM-4823 and PCM-4823L Half-EBX PCs are ultra-compact single board computers that integrate a 32-bit SVGA and LCD interfaces (PCM-4823 only) for a complete processing system.On-board features include an Intel® DX4-100 processor, floppy disk controller, parallel port, an EDO DRAM SIMM socket, enhanced IDE, keyboard/mouse connector, and two standard serial ports. As energy efficient as it is space efficient, the PCM-4823/23L also supports power saving modes for I/O peripheral devices. The PCM-4823 and PCM-4823L Half-EBX PCs are built especially for limited space embedded applications. Based on PC/AT architecture, they are compatible with most off-the-shelf software. In addition, because of the availability of inexpensive PC platforms, using the PCM-4823 or PCM-4823L can significantly reduce development time and cost. Moreover machanical configuration and system expansions are simple with industry standard PC/104 carrier modules.

Sbe Type.

EOT Single Board Computers

Processor

On-board Intel® 486DX4-100 processor

Real Time Clock:

Processor Misc.:

Chipset: VIA 82C496G

Memory Bios/ Bootloader:

AWARD 128 KB Flash memory

Primary Flash:

DiskOnChip 2000

Primary I/O

1x FDD 2x EIDE

Ethernet:

10Base-T Ethernet RJ-45 Realtek RLT8019AS

Serial Ports:

1x Parallel SPP/EPP/ECP

1x RS-232

1x RS-232/422/485

Watchdog:

Primary I/O Misc.:

Infrared port: Supports up to 115 Kbps transmitting rate

Display

Video Chipset: C&T 65550

Display memory: 1 MB DRAM

Display type: Simultaneously supports CRT and Flat Panel (EL, LCD and gas plasma) display

## Resolution:

- Non-interlaced VGA monitor resolution up to 1024 x 768 @ 256 colors
- o Panel resolution: Supports up to 1024 x 768 @ 256 colors TFT panel

Secondary I/O

Keypad:

Analog on A.D.
D/A:
Dimensions Dimensions.
$5.7 \times 4 \text{ in}$
Weight:
0.17 kg
Form Factor:
Half EBX
Power Requirements Voltage.
5 V
Environmental Low Operating Temperature:
0 C
High Operating Temperature:
60 C
PCivi-4023-0
486 HALF-EBX Board W/ LAN & LCD
\$0.00
Parent Product:
PCM-4823L
486 HALF-EBX Board W/ LAN
\$0.00
Parent Product:
Talent Froduct.
Savera LIDL, https://www.amagina.com/aantant/nam.4922
Source URL: https://www.emacinc.com/content/pcm-4823

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