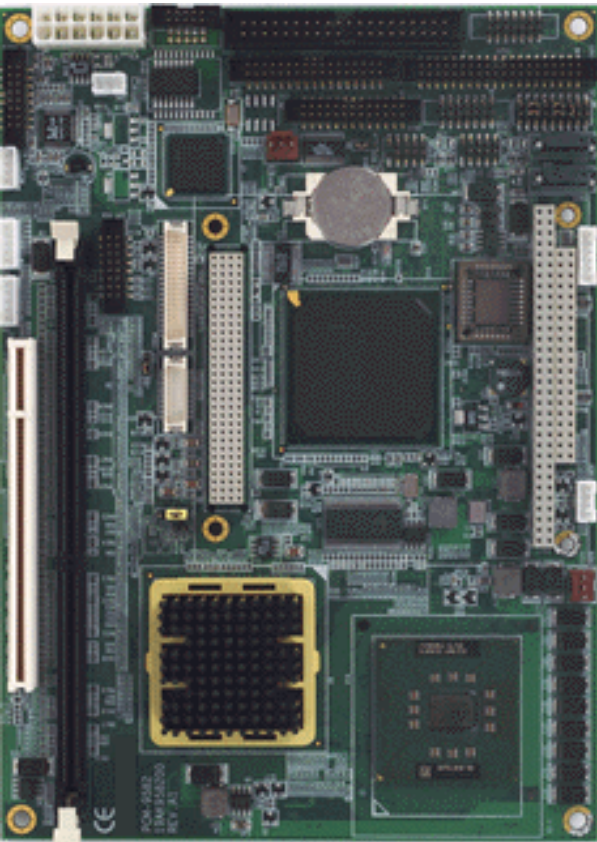


PCM-9587



Embedded Intel® Fanless Celeron® M 600 MHz

ECC DDR Memory

EBX form factor standard and support for PC/104-Plus

10/100Base-T Ethernet

4 ports Host USB 2.0

2 channel 48-bit LVDS interface

The PCM-9587 is centered on a powerful Intel Celeron® M processor that supports enhanced Intel “SpeedStep” technology and uses Intel’s 852GM chipset. This chipset is ideal for embedded computing and provide an optimized on-board integrated graphics solution. “SpeedStep” technology intelligently focuses system power where the CPU needs it and automatically regulates power usage to minimize power consumption. The PCM-9587’s design is based on the EBX form factor and provides support for PCI-104+ module expansion. The EBX form factor also provides a convenient connector layout for easy assembly, more efficient cable connections, and better overall embedded system integration. This compact unit (only 8" x 5.75") offers all the functions of a single board industrial computer, but still fits in the space of a CD-ROM drive. On-board features include: four serial ports, one multi-mode parallel (ECP/EPP/SPP) port, four USB (Universal Serial Bus) 1.1/2.0 ports, an Ethernet port, and a PS/2 keyboard/mouse interface. The built-in high-speed PCI IDE controller supports UDMA/100 bus master modes and 2 Serial ATA (SATA) 150 interfaces.

Specifications

SBC type:

EM Single Board Computers

Processor

Processor:

Embedded Intel Fanless Celeron M

Clock Speed:

600 MHz

Real Time Clock:

Processor Misc.:

Chipset: Intel 852GM GMCH/6300ESB

Memory

BIOS/Bootloader:

AWARD 512 KB Flash BIOS

Secondary Flash:

1x CompactFlash™ card Type I/II

Primary I/O

GPIO.

8x GPIO

Disk Interface:

FDD

1x EIDE (Ultra DMA 100)

Audio:

AC97 2.0 with mic-In/line-in/line-out support

Ethernet:

Intel 82551ER 10/100 Base-T with IEEE 802.3u interface

USB:

4x USB 1.1/2.0 compliant

Serial Ports:

3x RS-232

1x RS-232/422/485

2x Channels of SATA 150

Watchdog:

Primary I/O Misc.:

Parallel Port: 1 Parallel Port supports SPP/EPP/ECP mode

Secondary I/O

LAN Port.

Keypad:

PS/2:

Analog on

A/D.

D/A:

Dimensions

Dimensions.

5.7 × 8 in

Weight:

0.85 kg

Form Factor:

Full EBX

Power Requirements

Voltage.

5 V

Typical Current:

2 A

Typical Voltage:

5 V
Max Boot Current:
2.63 A

Environmental
Low Operating Temperature:
0 C
High Operating Temperature:
60 C
Upper Operating Humidity:
90%

Pricing
PCM-9587F-M
Celeron M 600 SBC W/Audio,VGA,LCD,CFC,LAN
\$0.00

Parent Product:

Source URL: <https://www.emacinc.com/content/pcm-9587>