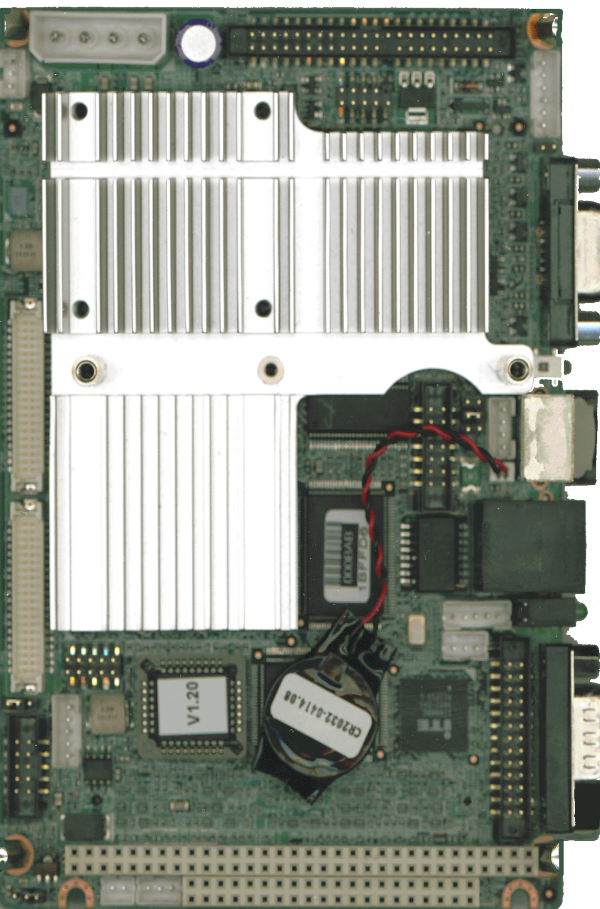


PCM-9388



Embedded Onboard Intel® Fanless Celeron® M Processor

Supports DDR memory

Supports 10/100 BASE-T Ethernet

Supports Dual Video, CRT and LVDS LCD or TTL LCD

Supports 2 x USB 2.0 ports

Supports PC/104 Expansion

Supports AT & ATX power

The PCM-9388 is centered on a powerful Intel® Celeron® M processor that supports an onboard 600MHz to 1GHz processor. The Intel® 852GM chipset is ideal for embedded computing and provide an optimized on-board integrated graphics solution. The PCM-9388's design is based on the small Half-EBX form factor and provides support for PC/104 module expansion. The Half-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 5.7" x 4 ") offers all the functions of a single board industrial computer, but still fits in the space of a 3.5" Hard drive. On-board features include: two serial ports, Dual Video, one multi-mode parallel (ECP/EPP/SPP) port, two USB (Universal Serial Bus) 2.0 ports, an Ethernet port, PS/2 keyboard/mouse interface, Audio and a EIDE (UDMA 33) which supports up to two IDE devices, including large hard disks and CD-ROM drives. **Flash Disk and Memory not included.**

Specifications
SLC type.

EMC Single Board Computers

Processor

Processor:

Embedded Intel® ULV Celeron® M

Clock Speed:

600 MHz

Real Time Clock:

Processor Misc.:

Clock Speed: 600 GHz / 1.0GHz

Chipset: Intel 852GM GMCH + ICH4

Memory

BIOS/Bootloader:

AWARD® 4 Mbit

Primary Flash:

1x CompactFlash™ card Type I

Primary I/O

GPIO:

1x 8-bit GPIO

Disk Interface:

1x EIDE (UDMA 33)

Video Out:

Intel 852G Dual Display CRT/LCD up to 64 MB shared

Audio:

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

Ethernet:

10/100 Base T with 2x RJ-45 connectors with Realtek RTL 8100CL

USB:

2x USB 2.0

Serial Ports:

1x RS-232

1x RS-232/422/485

1x Parallel SPP/EPP/ECP

Watchdog:

Primary I/O Misc.:

Display

Chipset: Intel 852GM

Video Memory: Supports up to 64 MB (shared) memory

Display Type: Flat Panel and CRT displays

Resolution: Up to 1600 x 1200 @ 85 Hz

TTL Interface: Supports 18-bit TTL

LVDS Interface: Supports 36-bit LVDS LCD Panel

Dual Display: Dual Independent Display: CRT + LVDS, CRT + TTL

Secondary I/O

LPT Port:

Keypad:

PS/2:

Analog on
A/D.

D/A:

Dimensions
Dimensions:

5.7 × 4 in

Weight:

850 g

Form Factor:

Half EBX

Power Requirements
Power MISC.:

Maximum: +5 V @ 2.75 A, +12 V @ 0.17A

Typical: +5 V @ 1.78 A, +12 V @ 0.16A

Power Management APM, ACPI S1, S5 supported

Environmental
Low Operating Temperature:

0 C

High Operating Temperature:

60 C

Pricing
PCM-9388F

Celeron® M 600 SBC, VGA, LCD, Audio, Ethernet

\$307.00

Parent Product:

PCM-9388F-S0

Celeron® M 1G SBC, VGA, LCD, Audio, Ethernet

\$323.00

Parent Product:

Source URL: <https://www.emacinc.com/content/pcm-9388>