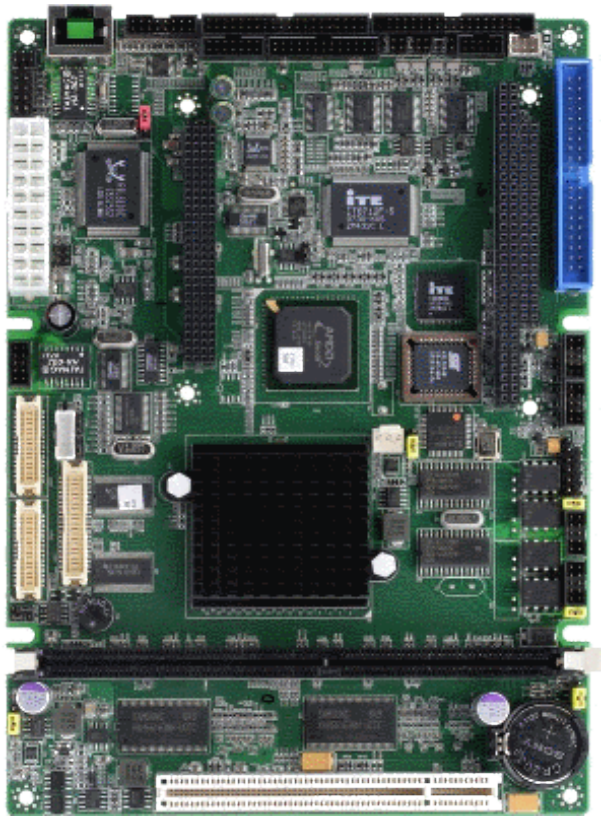
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PCM-5895



Onboard AMD Fanless Geode LX800/900, 500/600 MHz Processor

24-bit LVDS TFT LCD

Supports Type II CompactFlash

Provides PC/104+ and PCI expansion

4 COM, 4 USB 2.0, & Digital I/O

Dual 10/100 BaseT Ethernet

Supports DDR Memory

Dual CAN Bus (PCM-5895B)

8 GPIO Lines

RAM and Flash Disk not included.

The PCM-5895 is an all-in-one multimedia AMD Geode™ LX processor based single board computer (SBC) with an integrated audio controller, a LCD/CRT Video controller, dual 100Base-Tx Ethernet ports, and one PCI expansion slot. This compact (only 5.75"“ x 8") unit offers all the functions of a rack mount industrial computer, but still fits in the space of a CD-ROM drive. On-board features include four serial ports (three RS-232, one RS-232/ 422/485), one multi-mode parallel (ECP/EPP/SPP) port, four USB 2.0 ports, a floppy drive controller, and a keyboard/PS/2 mouse interface. The built-in high speed PCI IDE controller supports Ultra DMA/100 mode. Up to two IDE devices can be connected, including large hard disks, CD-ROM drives, and tape backup drives, etc. The PCM-5895 also features power

management to minimize power consumption. It complies with the APM standard and supports three types of power saving features: doze, standby, and suspend mode. In addition, the board's watchdog timer can be programmed to reset the system or generate an interrupt in case the system stops due to a program bug or EMI. **RAM and Flash Disk not included.**

Specifications

SBC Type:

Single Board Computers < 1 GHz

Processor

Processor:

AMD Geode LX800 Fanless

Clock Speed:

500 MHz

Real Time Clock:

Processor Misc.:

Chipset: AMD Geode LX + CS5536

Memory

BIOS/ Bootloader:

AWARD 1MB flash ROM

Primary Flash:

1x CompactFlash™ card Type II

Memory Misc.:

System Memory:

- PCM-5895A: 184-pin DDR SDRAM DIMM x 1, Max 1GB (DDR 333/400)
- PCM-5895B: 256MB DDR SDRAM On-Board

Primary I/O

Disk Interface:

1x EIDE (UDMA 100) supporting 2 IDE devices

Video Out:

CX5536 CRT/LCD 1 - 16 MB Shared

Audio:

Line-In

mic-in

line-out

Ethernet:

2x 10/100 Base-TX RJ-45 Realtek RTL8139DL

USB:

4x USB 2.0

Serial Ports:

3x RS-232

1x RS-232/422/485

Watchdog:

Primary I/O Misc.:

I/O Chipset: ITE IT8712 + IT8888G

Floppy: 1x Floppy Disk interface (PCM-5895A only)

IR interface: 1x IrDA Tx/Rx Header

Secondary I/O

CAN:

2x CAN Bus
LPT Port:
Keypad:
PS/2:

Analog on
A/D:
D/A:

Dimensions
Dimensions:
8 × 5.75 in
Weight:
544 g
Form Factor:
Full EBX

Power Requirements
Typical Current:
2.2 A
Typical Voltage:
5 V
Power Misc.:
Power Type: AT/ATX

Environmental
Low Operating Temperature:
0 C
High Operating Temperature:
60 C

Pricing
PCM-5895-A10-01
PCM-5895-A10-01, Geode LX800 500MHz, SODIMM RAM, CF, IDE, Floppy, 4x COM, 4x USB2, 2x LAN, VGA, TTL, LVDS
$296.00
Parent Product:

PCM-5895B-10
PCM-5895-B10, Geode LX800 500MHz, SODIMM RAM, CF, IDE, 4x COM, 4x USB2, 2x LAN, VGA, LVDS, TTL
$277.00
Parent Product:

PCM-5895-B10-03
PCM-5895-B10-03, Geode LX800 500MHz, 256MB RAM, CF, IDE, 4x COM, 2x CAN, 4x USB2, 2x LAN, PC/104+, VGA, LVDS, TTL
Build to Order
$395.00
Order:
0
Parent Product:

Wiring Kits:

PCM-A030
Wiring Kit for PCM-5895A
$37.00
PCM-K004
Wiring Kit for PCM-5895B
$54.00

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