

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

Single Board Computers < 1 GHz
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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