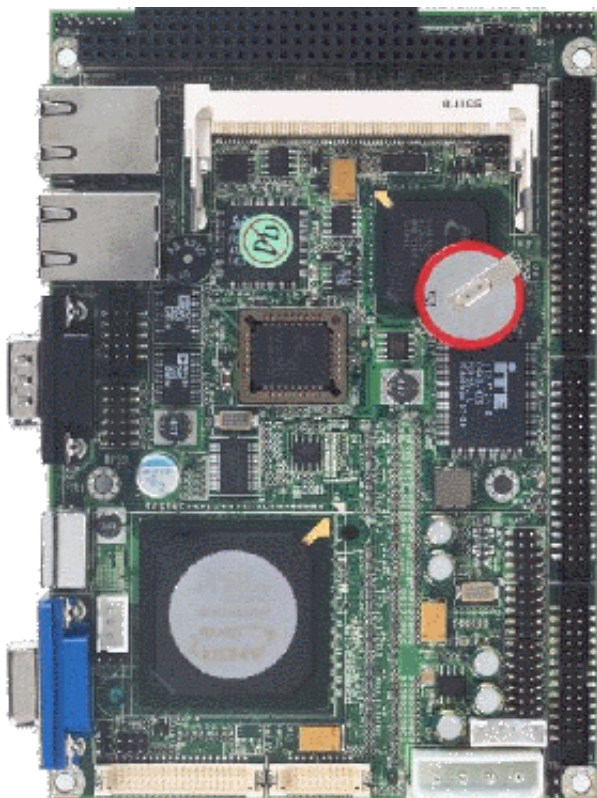


PCM-5315



Onboard AMD Geode LX800/900 500/600 Mhz Processor

Fanless Operation

24-bit TTL/LVDS TFT LCD

Supports DDR Memory

Supports Type II CompactFlash

Supports Mini PCI & PC/104

Dual 10/100-Base-TX Ethernet Ports

8-bit Programmable Digital I/O Lines

Optional Cable kit "CBK-11-5315-00 " includes:

- Audio Cable
- Keyboard & Mouse Cable
- USB Cable
- Serial Port Cable
- Parallel Port Cable
- IDE Cable 3.5"
- Floppy Cable

The PCM-5315 is based on the AMD Geode LX800/900 500/600 Mhz CPU and is designed to provide the ideal combination of low power, great performance, widely expanded interfaces and small size for applications that require a small form factor and lower-scale processor support. The PCM-5315 features DDR SDRAM support up to 1GB, up to 1920x1440@24bpp video resolution with shared system memory up to 254MB that makes the PCM-5315 suitable for applications that require superior computing and graphic display performance. PCM-5315 also features PC/104 and Mini PCI expansion interfaces that work with a wide range of EMAC's PC/104 and Mini PCI peripheral modules. This expansion capability makes the PCM-5315 very flexible allowing it to adapt to legacy PC/104 devices as well as newer middle-to-high level Mini PCI devices. The PCM-5315 is an ideal board for applications such as data acquisition, industrial control, thin client applications and other uses that leverage low-power consumption with optimized processor performance. **CompactFlash card and RAM not included.**

Specifications

Single Board Computers < 1 GHz

Processor

Processor: AMD Geode LX800/900 Fanless 500/600 MHz

Real Time Clock:

Processor Misc.:

Chipset: AMD Geode LX + AMD CS5536

Memory

BIOS/ Bootloader:

AWARD 512KB FLASH BIOS

Primary Flash:

supports one internal Type II CompactFlash™ socket

Memory Misc.:

System Memory: 200-pin DDR SODIMM x 1, Max 1GB (DDR333)

FDD interface: Supports one FDDs

Primary I/O

Disk interface: 1x EIDE (UDMA 33) supporting 2 IDE devices

Video Out:

CX5536 CRT/LCD 1 - 16 MB Shared

Audio:

mic-In/line-in/line-out

Ethernet:

Realtek RTL8129DL 10/100 Base-T with 2x RJ-45 connectors

USB:

4x USB 2.0

Serial Ports:

1x RS-232

1x RS-232/422/485

1x Parallel SPP/EPP/ECP

Watchdog:

Primary I/O Misc.:

Infrared port: Supports Tx/Rx header

Digital I/O: Supports 8-bit Programmable

Secondary I/O

LPT Port:

Keypad:

PS/2:

Analog on
A/D.

D/A:

Dimensions
Dimensions:

5.75 × 4 in

Weight:

400 g

Form Factor:

Half EBX

Power Requirements
Typical Current:

1.5 A

Typical Voltage:

5 V

Power Misc.:

Power Supply Type: AT/ATX

Environmental
Low Operating Temperature:

0 C

High Operating Temperature:

60 C

Pricing
PCM-5315-A13

GENE-5315-A13, Geode LX800 500 MHZ, SODIMM RAM, Compact flash, 2x COM, 4x USB2, 2x LAN, VGA, TTL, 24-Bit LVDS

\$308.00

Order:

0

Parent Product:

PCM-5315-A13-01

GENE-5315-A13-01, Geode LX800 500 MHZ, SODIMM RAM, Compact flash, 2x COM, 4x USB2, 2x LAN, VGA, TTL, 18-Bit LVDS

\$308.00

Order:

0

Parent Product:

PCM-5315-AC

PCM-5315-AC, Geode LX800 500 MHZ, SODIMM RAM, Compact flash, 2x COM, 4x USB2, 2x LAN, VGA, TTL, LVDS & Cable Kit

Build to Order

\$295.00

Parent Product:

