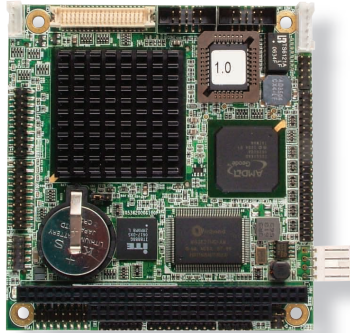




Em104-a5362

AMD® Geode™ LX800 PC/104 CPU Module



Features

- **Fanless Design**
- Low Power PC/104 CPU Module
- Soldered Onboard AMD® Geode™ LX800 Processor
- 18/24-bit TTL, and Analog RGB
- Multi-expansion (2 x USB, 2 x Serial Ports, 1 x PATA, 1 x FDD, PC/104, 1 x CF Socket)
- **Extended Operating Temp.: -20 ~ 70°C**

System

CPU	AMD® Geode™ LX800 500MHz CPU
Memory	1 x 200-pin DDR SO-DIMM Socket supporting 200MHz SDRAM up to 1GB
Chipset	AMD® LX800 + CS5536
BIOS	Phoenix-Award PnP Flash BIOS
Storage	1 x Ultra ATA, support 2 IDE devices 1 x Floppy disk drive 1 x CompactFlash Type II Socket

Watchdog Timer 1~255 levels reset

I/O

I/O Chip	Winbond W83627HG
Serial Port	2 x COM ports (1 x RS-232, 1 x RS-232/422/485 selectable)
Parallel Port	SPP/EPP/ECP mode
USB Port	2 x USB 2.0 port
KB/MS	One 1 x 6-pin wafer connector (PS/2 interface for Keyboard and Mouse)
Expansion Bus	PC/104 interface

Ethernet

Chipset 1 x Realtek RTL8100CL PCI 10/100Base-T Ethernet controller

Display

Graphics Chipset AMD® Geode™ LX800 CPU integrated VGA controller with 2D Engine (Shared memory Max. 64MB)

Graphics Interface LCD: 18/24-bit TTL up to 1280 x 1024

Mechanical & Environmental

Power Requirement Small 4P AT power connector

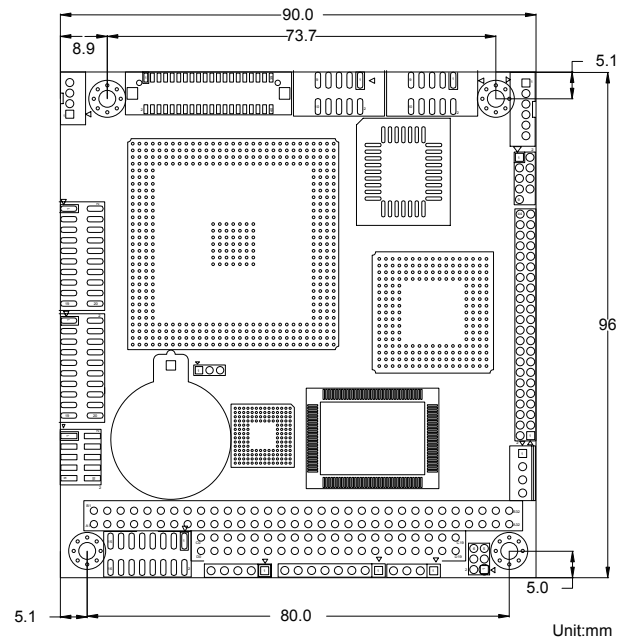
Power Consumption 1.99A/5V

Operating Temp. -20 ~ 70°C (-4 ~ 158°F)

Operating Humidity 0 ~ 90% (non-condensing)

Dimension (L x W) 96 x 90 mm (3.8" x 3.5")

Dimensions



Ordering Information

Em104-a5362VL/ LX800 AMD® Geode™ LX800 PC/104 CPU module

CBK-09-5362-00 Cable kit

1 x IDE cable	1 x KB & MS cable
1 x USB cable	1 x VGA cable
2 x COM port cables	1 x FDD cable
1 x LPT cable	1 x Ethernet cable

All specifications are subject to change without notice.

Computer on Module

Compact Board

Slot Board

Industrial Motherboard

Wide Temperature

SBC Daughterboard / Power Converter / Mounting Kit

Rugged Tablet PC

Medical PC

Industrial Panel PC/Monitor

Box PC

Industrial Chassis / Backplane / Power supply