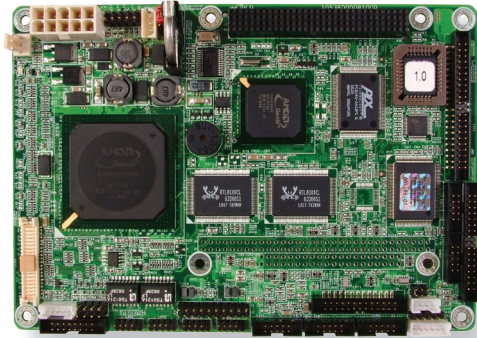




EmCORE-a5360

AMD® Geode™ LX800 EPIC Miniboard



Features

- **Fanless Design**
- Soldered Onboard AMD® Geode™ LX800 Processor
- Analog RGB, and LCD Display
- Support Analog RGB Output, and TTL Interface for LCD
- Multi-expansion (4 x USB, 1 x CF Socket, 4 x Serial Ports, PCI-104)
- **Extended Operating Temp.:-20 ~ 70°C**

System

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

Watchdog Timer 1~255 levels reset

I/O

Serial Port	4 x COM ports (3 x RS-232, 1 x RS-232/422/485 selectable)
Parallel Port	SPP/EPP/ECP mode
IrDA	1 x SIR IrDA 1.1 compliant
USB Port	4 x USB 2.0 ports
KB/MS	One 1 x 6-pin wafer connector for PS/2 interface Keyboard and Mouse
Digital I/O	16-bit Digital Input/Output
Expansion Bus	PCI-104 interface

Ethernet

Chipset 2 x Realtek RTL8100CL 10/100Base-T Ethernet controllers

Audio

CODEC/Interface Realtek ALC203 AC97 Audio CODEC, Mic-in/Line-in/Line-out

Display

Graphics Chipset AMD® Geode™ LX800 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 Big 4P AT power connector

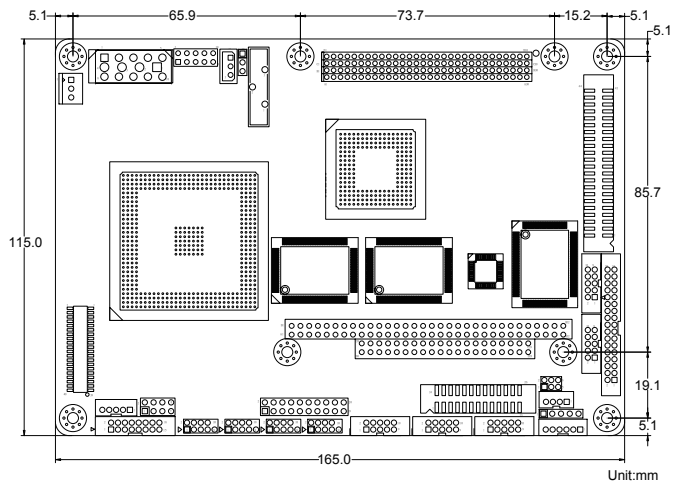
Power Consumption 1.6A/5V (Max.)

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

Operating Humidity 0 ~ 90% (non-condensing)

Dimensions (L x W) 165 x 115 mm (6.5" x 4.5")

Dimensions



Ordering Information

EmCORE-a5360VL2R AMD® Geode™ LX800 EPIC Miniboard

CBK-14-5360-00	Cable kit
	1 x VGA cable
	1 x Audio cable
	1 x FDD cable
	1 x IDE cable
	1 x LPT cable
	4 x COM port cables
	2 x Ethernet cables
	2 x USB cables
	1 x Keyboard & Mouse cable