

EmCORE-a5360

AMD® Geode™ LX800 EPIC Compact Board



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 processor
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
	1 x Ultra ATA, support 2 IDE devices
Storage	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 selectable
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	PC/104-Plus interface

Ethernet

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

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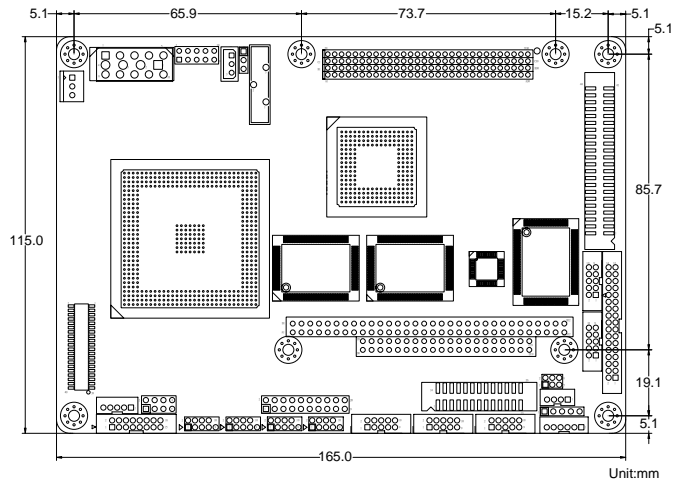
Display

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	2 x 5-pin ATX 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 compact board	
CBK-14-5360-00	Cable kit	
	1 x VGA cable	4 x COM port cables
	1 x Audio cable	2 x Ethernet cables
	1 x FDD cable	2 x USB cables
	1 x IDE cable	1 x KB & MS cable
	1 x LPT cable	