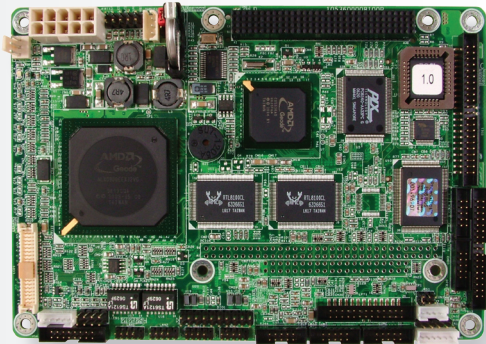


# EmCORE-a5360

EPIC Miniboard with AMD LX800 CPU, LCD/CRT, Audio, PC/104 Plus and Dual LAN



◀ **New!!**

## Features

- AMD Geode LX800 Processor (500MHz)
- 1 x 200-pin DDR SO-DIMM up to 1GB SDRAM
- Support CRT/LCD
- Support 2 x Realtek 8100CL 10/100 Base-T Fast Ethernet
- Support 4 x High Speed USB 2.0 Ports
- One PC/104 Plus Interface
- **Operating Temp.:-20 ~ 70°C**

## System

<b>CPU</b>	AMD Geode LX800 Processor (500MHz)
<b>Cache</b>	64k L1 cache and 128k L2 Cache
<b>Memory</b>	1 x 200-pin DDR SO-DIMM up to 1GB SDRAM
<b>Chipset</b>	AMD LX800 + CS5536
<b>BIOS</b>	Phoenix-Award PnP Flash BIOS
<b>ATA/IDE</b>	1 x Ultra DMA 33, support 2 IDE drives
<b>Flash Disk</b>	1 x CompactFlash Type II Socket
<b>Watchdog Timer</b>	255-level Reset

## I/O

<b>Serial Port</b>	3 x RS-232 ports (COM1, COM3, COM4) 1 x RS-232/422/485 port (COM2)
<b>Parallel Port</b>	SPP/EPP/ECP mode
<b>Floppy</b>	Support 1 Floppy disk drive
<b>IrDA</b>	1 x SIR IrDA 1.1 compliant
<b>USB Port</b>	4 x USB 2.0 compliant
<b>KB/MS</b>	1 x PS2 K/B and Mouse
<b>Expansion Bus</b>	1 x 32 bit PCI-based PC/104 plus interface
<b>Digital I/O</b>	8 bit Digital Input/Output

## Ethernet

<b>Chipset</b>	2 x Realtek 8100CL 10/100 base-T Ethernet
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## Audio

<b>Codec/Interface</b>	Realtek ALC203 AC97 Codec, support Mic-in/Line-in/Line-out
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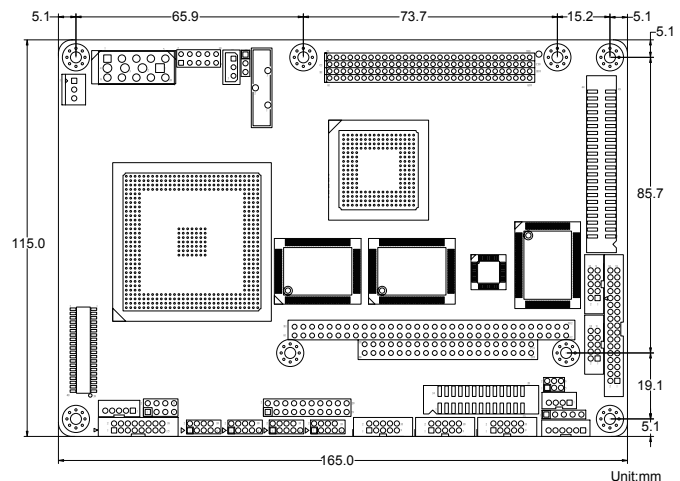
## Display

<b>Graphics Chipset</b>	AMD Geode LX800 integrated VGA controller with 2D engine (Shared memory Max. 64MB)
<b>Graphics Interface</b>	LCD support 18/24 bit TTL up to 1280 x 1024

## Mechanical & Environmental

<b>Power Consumption</b>	EmCORE-a5360VL2R 5V/1.6A (Max.)
<b>Operating Temp.</b>	-20 ~ 70°C (-4 ~ 158°F)
<b>Operating Humidity</b>	0 ~ 90% (non-condensing)
<b>Dimension (L x W)</b>	165 x 115 mm (6.5" x 4.5")

## Dimensions



## Ordering Information

<b>EmCORE-a5360VL2R</b>	EPIC Miniboard with LX800 CPU, CRT/LCD, Audio, PC/104 Plus and Dual LAN	Page 5-1
<b>Cable Kit</b>	CBK-14-5360-00	