

# 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 (4 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

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

**Watchdog Timer** 1~255 levels reset

## I/O

<b>I/O Chip</b>	Winbond W83627HG
<b>Serial Port</b>	2 x COM ports (1 x RS-232, 1 x RS-232/422/485 selectable)
<b>Parallel Port</b>	SPP/EPP/ECP mode selectable
<b>USB Port</b>	4 x USB 2.0 ports
<b>KB/MS</b>	One 1 x 6-pin wafer connector (PS/2 interface for Keyboard and Mouse)
<b>Expansion Bus</b>	PC/104 interface

## Ethernet

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

## Display

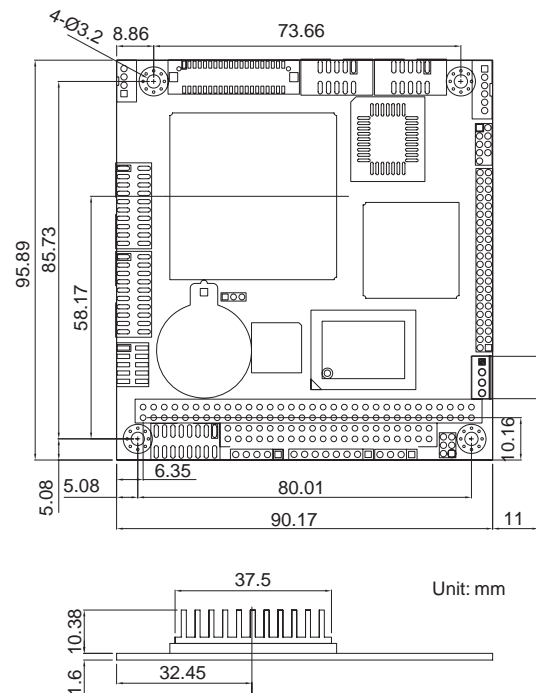
**Graphics Chipset** AMD® Geode™ LX800 CPU integrated VGA controller with 2D Engine (Shared memory Max. 64MB)

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

## Mechanical & Environmental

<b>Power Requirement</b>	Small 4P AT power connector
<b>Power Consumption</b>	1.99A/5V
<b>Operating Temp.</b>	-20 ~ 70°C (-4 ~ 158°F)
<b>Operating Humidity</b>	0 ~ 90% (non-condensing)
<b>Dimension (L x W)</b>	96 x 90 mm (3.8" x 3.5")

## Dimensions



## Ordering Information

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

<b>CBK-09-5362-00</b>	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.