



EBM-LX800

AMD Geode Processor LX800 5.25" Mini Module with AMD Geode CS5536 Chipset

- > Onboard AMD Geode LX800 BGA Processor
- > AMD Geode LX800 / CS5536 Chipset
- > One 184-Pin DIMM up to 1GB DDR 333/ 400 SDRAM
- > Dual View, TFT, LVDS
- > 2-CH Audio, LAN
- > 1 PC/104, 1 PCI, 1 CF, 6 COM, 2 SATA, 4 USB, 16-bit GPIO
- > Fanless Operation

+ Spec

System	
Processor	AMD Geode LX800 1-Core 500MHz processor Optional AMD Geode LX900 @ 1W 600MHz Processor
System Chipset	AMD Geode LX800/CS5536
System Memory	1 x184-pin DIMM socket supports up to 1GB DDR 333/400 SDRAM up to 1 GB
I/O Chip	Winbond W83627HG-AW
BIOS	Award 4Mbit Flash BIOS
Watchdog Timer	H/W Reset: 1sec.~255min. and 1sec. or 1min./step
Expansion	
Expansion	1 xPCI 1 xPC/104
Storage	
Storage	1 xCompactFlash Type I/II Socket Optional DOC (Co-lay)
I/O	
USB	4 xUSB 2.0
SATA	2 xSATA II
COM Port	1 xRS-232/422/485 5 xRS-232 1 xLPT
DIO	1 x16bit GPIO
MIO	1 xPS2/ KB & MS 2 xEIDE 1 xFDD
Display	
Chipset	AMD Geode LX800 Integrated Graphics Supports dual display
Resolution	VGA:Max. resolution 1920x1440@ 85Hz LVDS:Max. resolution 1600x1200@ 60Hz CRT + LVDS Single Channel 18-bit LVDS; Optional 24-bit LVDS,AGP 4X VGA / LCD interface
Audio	
Chipset	Realtek ALC203 supports 2-CH
Audio Interface	Mic-in, Line-in, Line-out,CD audio-in
Ethernet	
Chipset	1 xRealtek 8101L
Ethernet Interface	10/100 Base-Tx Fast compatible
LAN Port	1 x RJ-45
Mechanical & Environmental	
Power Requirement	+5V @ 2.05A, +12V @ 0.07A (with AMD LX800 0.9W 500MHz & 512MB DDR 400 SDRAM)
Power Type	AT/ATX
Operating Temp	0°C ~ 60°C (32°F ~ 140°F)
Storage Temp	-20°C ~ 80°C (-40°F ~ 176°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing



Dimension (L x W)	8" x 5.75" (203mm x 146mm)
Weight	0.55lb (0.25kg)

Certifications	
Certification Information	CE FCC Class A

 Ordering

EBM-LX800-A1R
5.25" LX800 W/2SATA/6COM/CF A1R

EBM-LX800-A1-18R
5.25" LX800 W/2SATA/6COM/18bit LVDS A1R

EBM-LX800-A1-24R
5.25" LX800 W/2SATA/6COM/24bit LVDS A1R