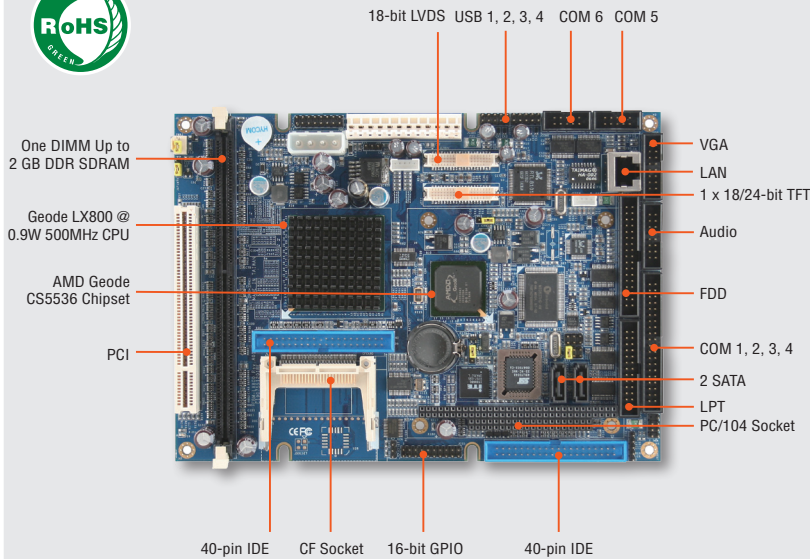




EBM-LX800

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



Features

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

LX800 @ 0.9W	Dual View	LVDS	LAN	PC/104
PCI	6 COM	4 USB	16 GPIO	Fanless

Specifications

System

• CPU	Onboard AMD Geode LX800 @ 0.9W 500MHz Processor
• BIOS	Award 4 Mbit Flash BIOS
• System Chipset	AMD Geode LX800/ CS5536
• I/O Chip	Winbond W83627HG-AW
• System Memory	One 184-pin DIMM Socket Supports Up to 1GB DDR 333/ 400 SDRAM
• SSD	One CompactFlash Type I/II Socket, Optional DOC (Co-lay)
• Watchdog Timer	Reset: 1sec. ~ 255min. and 1sec. or 1min./step
• Expansion	1 x PCI (Rev. 2.2 Compliant), 1 x PC/104

I/O

• MIO	2 x EIDE, 2 x SATA, 1 x FDD, 1 x LPT, 5 x RS-232, 1 x RS-232/ 422/ 485, 1 x KB, 1 x Mouse
• IrDA	115Kbps, IrDA 1.0 Compliant
• USB	4 x USB 2.0
• DIO	16-bit General Purpose I/O for DI and DO

Display

• Chipset	Integrated with AMD Geode LX800
• Display Memory	8/ 16MB Frame Buffer Using System Memory
• Resolution	CRT Mode: 1920 x 1440 @ 32bpp (85Hz) LCD Mode: 1600 x 1200 @ 32bpp (60Hz)
• Multiple Display	CRT + LVDS
• VGA/LCD Interface	AGP 4X VGA/ LCD Interface
• LVDS	Single Channel 18-bit LVDS, Optional 24-bit LVDS

Audio

• Chipset	AMD Geode CS5536
• AC97 Codec	Realtek ALC203 Supports 2-CH Audio
• Audio Interface	Mic-in, Line-in, CD Audio-in, Line-out

Ethernet

• LAN	Realtek RTL8101L
• Ethernet Interface	10/ 100 Base-Tx Fast Ethernet Compatible

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 Temperature	0 ~ 60°C (32 ~ 140°F)
• Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
• Size (L x W)	8" x 5.75" (203mm x 146mm)
• Weight	0.88lbs (0.4kg)

Ordering Information

- **EBM-LX800**
AMD Geode LX800 5.25" Mini Module with AMD Geode LX800 + CS5536 Chipset and VGA, LVDS, 2-CH Audio, LAN, PC-104, PCI, 2 SATA, 4 USB, 6 COM, 16-bit GPIO
- **ACC-CF-xx**
CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512MB, 1, 2, 4GB)
- **ACC-MEM-xx**
Memory Series (xx = Capacity, Capacity Option: 256, 512MB, 1, 2GB)
- **ACC-EBM-LX800-1R**
Cable kit for EBM-LX800