

Features

- Onboard AMD® Geode LX800 500MHz @ 0.9 W with 128K L2 Cache CPU and 64K L1 Cache CPU with 62.5 MHz FSB
- AMD® Geode CS5536 Chipset
- One DIMM up to 1 GB DDR Non ECC Memory
- 18/24-bit TFT, LVDS
- Realtek® ALC203 support 2 CH Audio
- Dual Realtek® RTL8100C 10/100Mbps LAN
- 1 PCI, 1 Mini PCI, 1 CF
- 4 COM, 4 USB
- Fanless Operation
- Mini ITX Form Factor (6.7" x 6.7")
- RoHS Compliant

Specification

System

CPU	Onboard AMD® Geode LX800 500MHz @ 0.9 W with 128K L2 Cache & 64K L1 Cache CPU 62.5MHz FSB
Chipsets	AMD® CS5536
System Memory	One 184-pin DIMM supports up to 1 GB DDR 400 SDRAM Non ECC
BIOS	Award 4 Mb Flash BIOS
Expansion Interface	1 x Compact Flash Socket 1 x PCI Slot (PCI Rev. 2.2 compliant) 1 x Mini PCI slot
Additional Features	Watchdog Timer: Reset: 1 sec.~255 min. and 1 sec. or 1 min./step Monitoring CPU temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats.

Display

Chipset	AMD Geode LX800 with integrated graphics engine
Display Memory	AMD LX800 integrated graphics controller supports up to 32 MB video memory
Resolution	CRT mode: 1920 x 1440 @ 32 bpp (85 Hz) TFT mode: 1600 x 1200 @ 32 bpp (100Hz)
VGA	Supports 18/24-bit TFT panel
LVDS	Single channel 24-bit LVDS

I/O

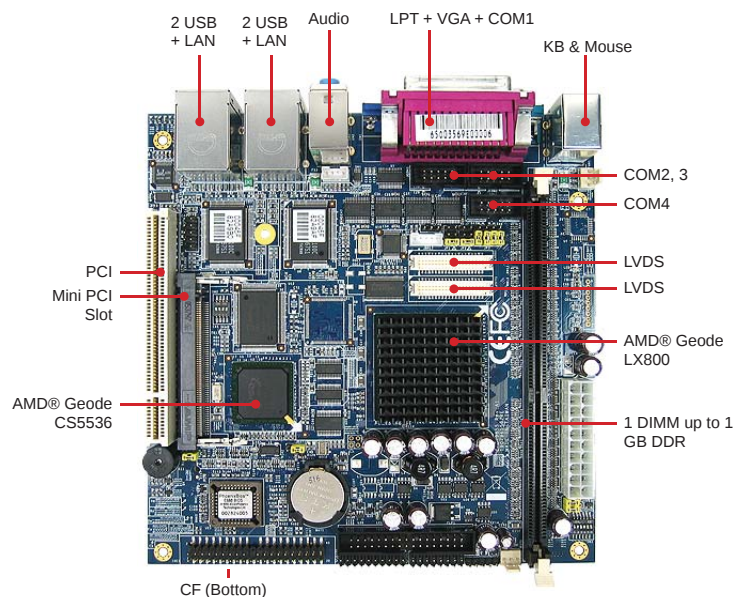
MIO	1 x PS/2 Mouse/KB, 1 x EIDE (Ultra DMA 66), 1 x LPT, 1 x FDD
USB	4 x USB 2.0 ports (Rear I/O)
COM	1 x RS232 for COM1 (Rear I/O), 3 x RS232 pin headers for COM2 ~ COM4
IrDA	1 x IrDA Tx/Rx Header

Audio

Audio Codec	Realtek® ALC203 support 2 Channel Audio
Interface	Mic-In, Line-In, CD Audio-In, Line-Out

Ethernet

LAN 1	Realtek® RTL8100C 100Base-Tx Fast Ethernet
LAN 2	Realtek® RTL8100C 100Base-Tx Fast Ethernet



Mechanical and Environment

Power Supply Voltage	+5V @ 0.84A, +12 V @ 0.06 A, +3.3 V @ 0.37 A, 5 Vsb @ 0.02A (with AMD LX700 433 MHz & 512 MB DDR SDRAM)
Power Type	ATX
Operating Temperature	0~60°C (32~140°F)
Operating Humidity	0%~90% relative humidity, non-condensing
Form Factor	Mini ITX
Dimensions	6.7" (L) x 6.7" (W)
Weight	0.88 lbs



Ordering Information

MX800LX

AMD® Geode LX800 Onboard CPU, VGA, TFT, LVDS, Realtek® ALC203 AC'97 Audio, 2 10/100 LAN, 1 PCI, 1 Mini PCI, 1 CF, 4 COM, 4 USB

* All product specifications are subject to change without notice. Last update: 02/28/2008