

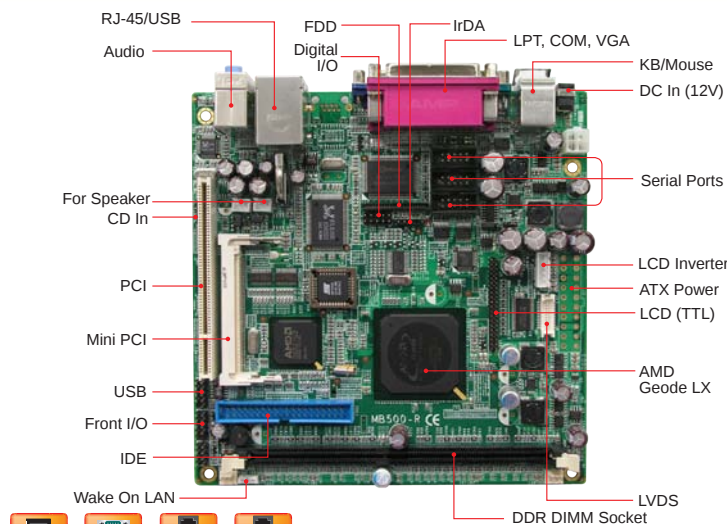
Motherboards

MB500

Mini-ITX

AMD Geode LX Mini-ITX Motherboard w/ AMD CS5536 Chipset

AMD Geode LX-Based



System

CPU	AMD Geode LX (LX800 @500MHz, LX700 @433MHz)
System Memory	1x DDR DIMM, Max. 1GB
System Chipset	AMD CS5536 chipset
BIOS	Award
Watchdog Timer	256 levels
SSD	CF socket, Type II
H/W Monitor	Yes
Expansion Slot	1x PCI, 1x Mini PCI

Graphics

VGA Controller	LX800/LX700 built-in 2D graphics controller Supports CRT and TFT / LVDS LCD interface
VGA Memory	Shared memory; Max. 64MB
LCD Interface	44-pin pin header for TFT LCD panel DF13 connector for LVDS interface

LAN

LAN Controller	1x or 2x Realtek RTL8100C 10/100Mbps
Connector	RJ-45 on board

Multi I/O

I/O Chipset	AMD CS5536 + Winbond W83627HG + Fintek F81216D 1x IDE (UDMA33/66/100), 1x FDD, 1x KB, 1x Mouse, 3x RS-232, 1x RS-232/422/485, 1x LPT
USB	2 ports on board Pin header for 2 ports (USB 2.0)
Audio	Realtek ALC203
Others	IrDA, Digital I/O (4-in/4-out), +12V DC-in

Features

- Supports AMD Geode LX processors, 433MHz (LX700)/500MHz (LX800)
- 1x DDR DIMM, Max. 1GB
- 1x or 2x Realtek RTL8100C 10/100Mbps LAN
- Integrated LX800/LX700 2D VGA controller, supports CRT and TFT/LVDS LCD display
- 4x USB 2.0, 4x COM, CF socket
- Watchdog timer, Digital I/O, 1x PCI, 1x Mini PCI slot

Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	AMD Geode LX800 500MHz w/ 512MB DDR +12V: 1.33A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

MB500-R	AMD Geode LX700, 433MHz, Mini-ITX motherboard w/ VGA and 10/100 LAN
MB500F-R	AMD Geode LX800, 500MHz, Mini-ITX motherboard w/ VGA and dual 10/100 LAN
IP115	Riser card with 1x PCI (see page 34)
IP151-R	Riser card with 2x PCI (see page 34)
IP340	Riser card with 2x PCI (see page 34)
IP450-R	Riser card with 2x PCI (see page 35)
CMI100-500	Chassis for MB500 Mini-ITX motherboard, SECC & Plastic (see page 116)
CMI110-500	Chassis for MB500 Mini-ITX motherboard, SECC (see page 117)

Remarks:
* Specifications are subject to change without prior notice.

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