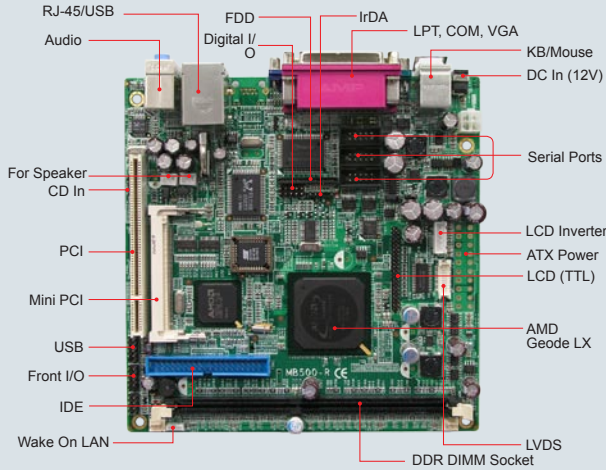


MB500



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

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 Slots	1x PCI, 1x Mini PCI

Graphics

VGA Controller	LX800/LX700 built-in 2D graphics controller Supports CRT and TFT / LVDS Display Interface
VGA Memory	Shared memory; Max. 64MB
Display 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	Winbond W83627HG + Fintek F81216D 1x IDE, 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

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
CM1100-500C	Chassis for MB500 Mini-ITX, w/ 60W power adaptor, 2.5" HDD holder
CM1110-500C	Chassis for MB500 Mini-ITX, w/ 60W power adaptor, 2.5" HDD holder

Remarks:

1. For optional daughter boards and riser cards, please refer to page 19-20.
2. Specifications are subject to change without prior notice.

