

## Features

Supports AMD Geode LX processors, 433MHz (LX700)/500MHz (LX800)

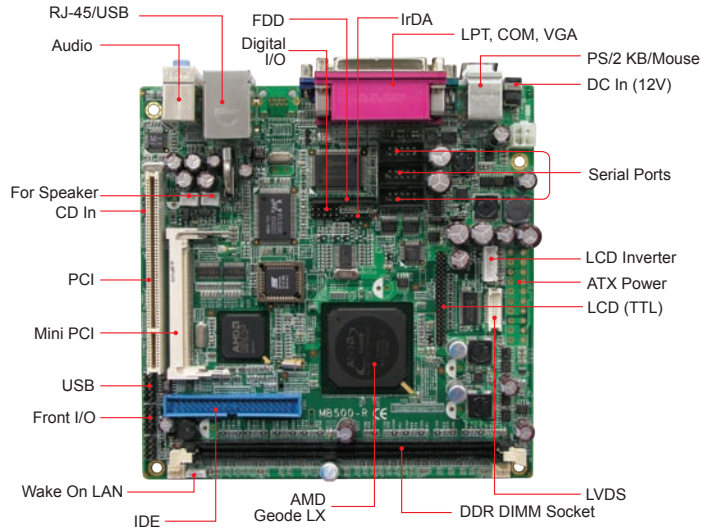
DDR DIMM x 1, Max. 1GB

One or two Realtek RTL8100C 10/100Mbps Ethernet

Integrated LX800/LX700 2D VGA controller, supports CRT and TFT/LVDS LCD display

4 x USB 2.0, 4 x COM, CF socket

Watchdog timer, Digital I/O, 1 x PCI, 1 x Mini PCI slot



## System

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

## Ethernet

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

## Multi 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

## Mechanical & 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 (-68°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 Ethernet (RoHS compliant)
MB500F-R	AMD Geode LX800, 500MHz, Mini-ITX motherboard w/ VGA and dual 10/100 Ethernet (RoHS compliant)

Remarks:

\* Specifications are subject to change without prior notice.