

# IPC Motherboards



# MB500 **NEW**

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

AMD Geode LX-Based



## >> 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, 400/533MHz FSB
BIOS	Award 4Mbit
Watchdog Timer	256 levels
SSD	CF socket, Type II
H/W Monitor	Yes
Expansion Slot	1 PCI, 1 Mini PCI

## Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	TBC
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)

## Graphics

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

## Ordering Information

MB500	AMD Geode LX700, 433MHz, Mini-ITX motherboard w/ VGA and 10/100 Ethernet
MB500F	AMD Geode LX800, 500MHz, Mini-ITX motherboard w/ VGA and dual 10/100 Ethernet

Remarks:

\* Add (-R) after the model name for RoHS-compliant version when ordering.

## Ethernet

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

## Multi I/O

Chipset	AMD CS5536 + Winbond W83627HF + Fintek F81216D 1x IDE (UDMA33/66/100), 1x FDD, 1x KB, 1x Mouse, 4x RS-232, 1x LPT
USB	2 ports on board Pin header for 2 ports (USB 2.0)
Audio	N/A
Others	IrDA, Digital I/O (4 in, 4 out)