

Disk-Size SBCs

IB520 **NEW**



AMD Geode LX 3.5" Disk-Size SBC w/ AMD CS5536 Chipset

Geode LX Based



>> Features

- Embedded AMD Geode LX processor, 433MHz (LX700)/500MHz (LX800)
- DDR SO-DIMM x 1, Max. 1 GB
- Realtek RTL8100C 10/100Mbps Ethernet
- Integrated LX800/LX700 2D VGA controller, supports CRT and TFT LCD display
- 4 x USB 2.0, 2 x COM, CF socket, Watchdog timer, Digital I/O
- PCI-104 expansion, optional PCMCIA connector

System

CPU	AMD Geode LX (LX800 @500MHz, LX700 @433MHz)
System Memory	DDR SO-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	PCI-104, optional PCMCIA connector

Graphics

VGA Controller	LX800/LX700 built-in 2D graphics controller Supports CRT and TFT LCD display
VGA Memory	Shared memory Max. 64MB
LCD Interface	DF13-20 pin header for LVDS support 44-pin pin header for TFT LCD panel

Ethernet

Controller	Realtek RTL8100C 10/100Mbps
Connector	RJ-45 on board

Multi I/O

Chipset	AMD CS5536 + Winbond 83627HG 1x IDE (UDMA33/66/100), 2x RS-232, 1x FDD, 1x LPT, 1x KB, 1x Mouse
USB	1 port on board; Pin header for 3 ports (USB 2.0)
Audio	Built-in audio + AC97 codec
Others	IrDA, Digital I/O (4-in/4-out), +12V DC-in, PCI Arbiter

Mechanical and Environmental

Dimensions	145mm x 102mm (5.7" x 4")
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)

Ordering Information

IB520	AMD Geode LX700, 400MHz, 3.5-inch SBC w/ audio, VGA and 10/100 Ethernet
IB520F	AMD Geode LX800, 533MHz, 3.5-inch SBC w/ audio, VGA, 10/100 Ethernet, PCMCIA

Remarks:

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