



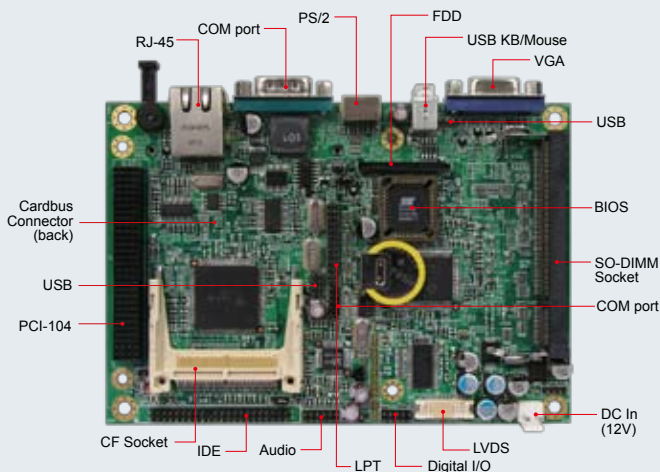
Disk-Size SBCs

AMD Geode™ LX Based

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

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IB520



Features

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

System

CPU	AMD Geode™ LX (LX800 @500MHz, LX700 @433MHz)
System Memory	1x DDR SO-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-104, optional PCMCIA connector

Graphics

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

LAN

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

Multi I/O

I/O Chipset	Winbond 83627HG 1x IDE, 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	102mm x 145mm (4" x 5.7")
Max. Power Requirement	AMD Geode™ LX800 500MHz w/ 512MB DDR +12V: 0.89A
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

IB520-R	AMD Geode™ LX700, 433MHz, 3.5-inch SBC w/ audio, VGA, 10/100 LAN and 24-bit LVDS
IB520F-R	AMD Geode™ LX800, 500MHz, 3.5-inch SBC w/ audio, VGA, 10/100 LAN, PCMCIA and 24-bit LVDS
IB520-18-R	AMD Geode™ LX700, 433MHz, 3.5-inch SBC w/ audio, VGA, 10/100 LAN and 18-bit LVDS
IB520F-18-R	AMD Geode™ LX800, 500MHz, 3.5-inch SBC w/ audio, VGA, 10/100 LAN, PCMCIA and 18-bit LVDS
IB37A	Cable kit for IB520 series, w/ IDE, COM, PS/2, printer, USB, audio and power cable
CSB100-520FC	Steel chassis for IB520F-R 3.5" SBC, 2.5" HDD holder, 60W power adaptor
CSB100-520FM	Steel chassis with IB520F-R 3.5" SBC, 2.5" HDD holder, 60W power adaptor



Remarks:

* Specifications are subject to change without prior notice.