



Features

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

System

CPU	AMD Geode™ LX800, 500MHz
System Memory	1x DDR SO-DIMM, Max. 1GB (Non-ECC)
System Chipset	AMD CS5536 chipset
BIOS	Award
Watchdog Timer	256 levels
SSD	CF type II socket
H/W Monitor	Yes
Expansion Slots	1x PC-104

Graphics

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

LAN

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

Multi I/O

I/O Chipset	AMD CS5536 + Winbond W83627HF + Fintek F81216AD 1x KB/mouse, 1x LPT, 3x RS232, 1x RS-232/422/485, 2x SATA
USB	2 ports on board Pin headers for 2 ports (USB 2.0)
Audio	Built-in audio + ALC203 codec
Others	IrDA, Digital I/O (4-in/4-out), +12V DC-In

Mechanical and Environmental

Dimensions	102mm x 145mm (4" x 5.7")
Max. Power Requirement	AMD Geode LX800 500MHz w/ 1GB DDR +12V: 1.77A
Operating Temperature	0°C~60°C (32°F~140°F)
Relative Humidity	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

IB550F	AMD Geode™ LX800, 500MHz, 3.5" Disk-Size SBC w/ SATA, Audio, VGA and 10/100 LAN, 18-bit LVDS
IB61	Cable kit for IB550F, w/ SATA + Power cable, COM, USB, Audio, Power cable
CSB100-550	Steel Chassis for IB550F 3.5" Disk-Size SBC, 2.5" 160GB SATA HDD, 60W power adaptor



Remarks:

* The AMD Geode™ LX800 @0.9W processor operates at a maximum power of 3.6W (TDP)

