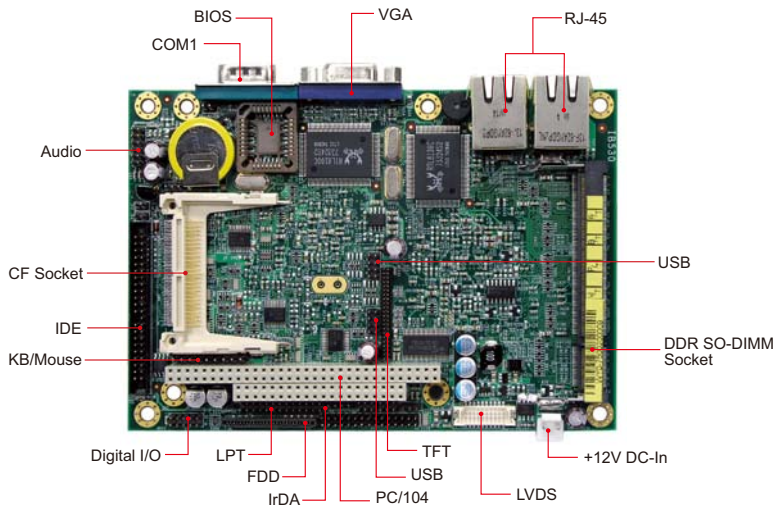




IB530



System

CPU	AMD Geode LX (LX900 @ 600MHz, LX800 @500MHz, LX700 @433MHz)
System Memory	1x DDR SO-DIMM, Max. 1GB
System Chipset	AMD CS5536 chipset, 400/533MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	CompactFlash
H/W Monitor	Yes
Expansion Slot	1x PC/104 (ISA only), with 4x mounting holes

Graphics

VGA Controller	LX900/LX800/LX700 built-in 2D graphics controller Supports CRT and TFT LCD display
VGA Memory	Shared memory Max. 64MB
LCD Interface	44-pin header for TFT display

LAN

LAN Controller	2x Realtek RTL8100C-LF, 10/100Mbps
Connector	RJ-45 on board

Multi I/O

I/O Chipset	AMD CS5536 + Winbond W83627HF + Fintek F81216 1x IDE (UDMA33/66/100), 1x FDD, 1x KB/Mouse, 4x RS232, 1x LPT
USB	4 ports (USB 2.0) via pin header
Audio	Built-in audio + AC97 codec
Others	ITE IT8888G PCI to ISA bridge (w/o ISA master & PnP) Slim FDD connector on board, +12DV-in power, Digital I/O (4-in/4-out)

Features

- Embedded AMD Geode LX processor, 600MHz (LX900), 500MHz (LX800), 433MHz (LX700)
- 1x DDR SO-DIMM, Max. 1GB
- 2x Realtek RTL8100C 10/100BaseT LAN
- Integrated LX900/LX800/LX700 2D VGA controller, supports CRT and LVDS
- 4x USB 2.0, 4x COM, slim FDD, PCI to ISA bridge, hardware monitoring
- Watchdog timer, Digital I/O

Mechanical and Environmental

Dimensions	102mm x 145mm (4" x 5.7")
Max. Power Requirement	AMD Geode LX800 500MHz w/ 1GB DDR SO-DIMM +12V: 1.05A
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

IB530F	AMD Geode LX800, 500MHz, 3.5-inch SBC w/ audio, VGA and dual 10/100 LAN, 18-bit LVDS
IB530F-24	AMD Geode LX800, 500MHz, 3.5-inch SBC w/ audio, VGA and dual 10/100 LAN, 24-bit LVDS
IB40	Cable kit for IB530 series, w/ IDE, COM, PS/2, printer, USB, audio and power cable
CSB100-530	Steel System with IB530F 3.5" SBC Board, AMD Geode LX800 (500MHz) CPU, 1GB DDR, 2.5" 80GB HDD, 60W Power Adaptor



Remarks:

* The AMD Geode LX800 @0.9W processor operates at a maximum power of 3.6W (TDP), while the AMD Geode LX700 @0.8W consumes a maximum power of 3.1W.