

Features

Embedded AMD Geode LX processor, 600MHz (LX900), 500MHz (LX800), 433MHz (LX700)

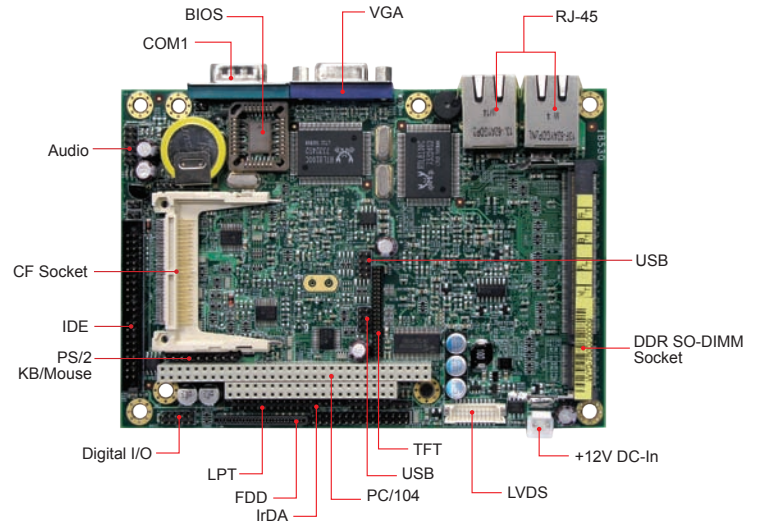
DDR SO-DIMM x1, Max. 1GB

Two Realtek RTL8100C 10/100 BaseT Ethernet

Integrated LX900/LX800/LX700 2D VGA controller, supports CRT and LVDS

4 x USB 2.0 ports, 4 x COM, slim FDD, PCI to ISA bridge, hardware monitoring

Watchdog timer, Digital I/O



System

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

Ethernet

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

Multi 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)

Mechanical & Environmental

Dimensions :	102mm x 145mm (4" x 5.7")
Max. Power Requirement :	AMD Geode LX800 500MHz w/ 512MB DDR +5V: 1.86A
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

IB530	AMD Geode LX700, 433MHz, 3.5-inch SBC w/ audio, VGA and dual 10/100 Ethernet (RoHS compliant)
IB530F	AMD Geode LX800, 500MHz, 3.5-inch SBC w/ audio, VGA and dual 10/100 Ethernet (RoHS compliant)

Remarks:

* Cable kit for IB530 series SBC is optional.

* Specifications are subject to change without prior notice.

* 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.