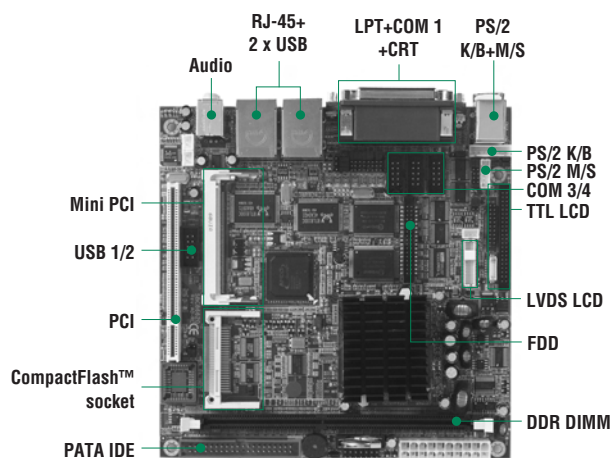


# SBC86620

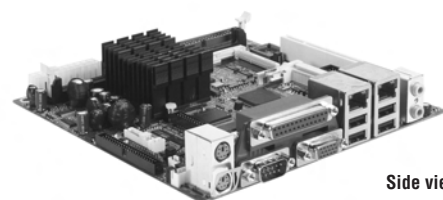
AMD LX Mini ITX SBC with Dual Fast Ethernet, 4 COM and USB 2.0



## Features



- ▶ Low Power Fanless AMD LX processors
- ▶ AMD LX+CS5536AD chipset
- ▶ Dual Fast Ethernet supported
- ▶ 4 COM and 4 USB 2.0 ports
- ▶ PCI slot and Mini PCI socket for expansion



## System

CPU	AMD Geode™ LX family processors
System Memory	1 x 184-pin DDR333 DIMM max. up to 1GB
Chipset	AMD LX+CS5536AD
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and customer CMOS backup
SSD	CompactFlash™ Type-II socket
Watchdog Timer	Reset supported; 255 levels
Expansion	Interface PCI slot and Mini PCI type-III socket for PCI Bus expansion
Battery	Lithium 3V/196 mA
Size	170 x 170 mm
Temperature	0~60°C, operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

## I/O

MIO	1 x PATA-100 IDE, 1 x FDD, 1 x PS/2 K/B, 1 x PS/2 M/S, 4 x COM (1 x RS-232/422/485 & 3 x RS-232), 1 x LPT, 1 x IrDA
SMBus	System Management Bus for advanced monitoring/control interface
Ethernet	Dual Realtek RTL8100C Fast Ethernet controllers (optional RTL8110SC for Gigabit Ethernet)
Audio	AC'97 codec audio with speaker/Line-out, MIC-in and mono-L/mono-R
USB	4 USB 2.0 ports on the rear I/O; USB 1/2 with shared 2.54 pitch box-header for USB DiskOnModule (optional)
Digital I/O	8 channel IN and 8 channel OUT

## Display

Chipset	Integrated in AMD LX
Memory Size	Max. up to 254MB frame buffer sharing system memory
Resolution	* Standard Mode: CRT: 1920 x 1440; LCD: 1600 x 1200
Output Interface	* CRT connector for DAC output * LCD supports either TTL LCD via 44+20 pin box-header or LVDS via 40-pin connector with 7-pin inverter control interface

## Packing List

Quick installation guide
Manual, driver, utility CD and cable kit (refer to cable list in chapter 9)

## Ordering Information

Standard	
SBC86620VEEA	AMD LX800 500 MHz Mini ITX SBC with CRT/LCD, Dual Fast Ethernet, AC'97 Audio and 4 COM ports