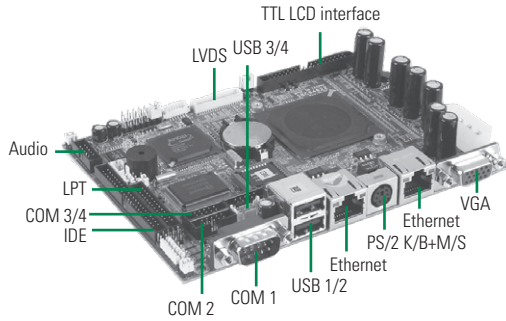


# SBC84622

AMD LX800 3.5" Embedded SBC with Dual LANs, 4 COM, 4 USB 2.0 and VGA/LVDS/ TTL



Low Power DualView

## System

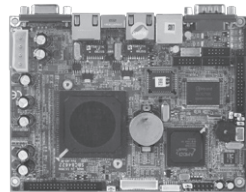
CPU	AMD LX800 processor onboard
System Memory	1 x 200-pin SO-DIMM supports DDR-333/400 max. up to 1 GB
Chipset	AMD CS5536AD
BIOS	Phoenix-Award
SSD	1 x CompactFlash™ type-II
Watchdog Timer	255 levels, 1~255 sec.
Expansion Interface	N/A
Battery	Lithium 3V/220 mAh
Power Input	1 x 4-pin connector +5V DC-in only (+12V is required for +12V powered COM and LVDS inverter) AT Auto Power On function supported
Power Requirements	AMD LX800 @ 500 MHz, 1GB DDR Max. RMS: +5V @ 1.544A, +12V @ 33mA
Size	146 x 104 mm
Board Thickness	1.6 mm
Operating Temperature	Standard: 0° ~ +60°C (32°F ~ 140°F) Optional: -25°C ~ +70°C (-13°F ~ +158°F)
Relative Humidity	10% ~ 95% relative humidity, non-condensing

## I/O

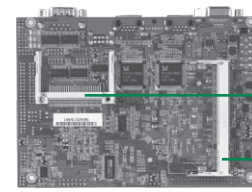
MIO	1 x IDE PATA-100 1 x PS/2 keyboard and mouse 4 x RS-232; with +5V/+12V powered 1 x LPT; with SPP/EPP/ECP supported
SATA	N/A
Hardware Monitoring	Detect CPU/system temperature and voltage
Digital I/O	3 channel IN and 5 channel OUT
Ethernet	2 ports as 10/100Mbps support Wake-on-LAN, RPL/PXE Boot ROM with Realtek RTL8139DL
Audio	AC'97 Codec audio as MIC-in/Line-in/Line-out/speaker-out with Realtek ALC203
USB	4 x USB 2.0
SMBus	System Management Bus for advanced monitoring/control

## Features

- Low power fanless AMD LX800 processor
- AMD CS5536AD chipset
- Dual 10/100Mbps Ethernet supported
- 4 COM ports and 4 USB 2.0 ports
- VGA and LVDS/TTL LCD



▲ Top view



▲ Rear view

CF type-II  
DDR SO-DIMM

## Display

Chipset	AMD LX integrated
Memory Size	Max. up to 254 MB
Display Interface	1 x VGA 1 x LCD interface for TTL (max. up to 24-bit) or LVDS (18/24-bit single channel)

## Packing List

### Standard

Quick installation guide, user's manual/utility CD, cable

### Cable

Part Number	Description	Qty
59384500200E	COM w/ bracket P=2.0mm L=250mm	1

## Ordering Information

### Standard

SBC84622VEEA-500 W/TTL LCD (P/N: E384622100)	3.5" SBC with AMD LX800, VGA/TTL LCD, 2 10/100Mbps Ethernet 4 COM, 4 USB and AC'97 audio
SBC84622VEEA-500 w/ 24-bit LVDS LCD (P/N: E384622102)	3.5" SBC with AMD LX800, VGA/24-bit LVDS LCD, 2 10/100Mbps Ethernet 4 COM, 4 USB and AC'97 audio
SBC84622VEEA-500 w/ 18-bit LVDS LCD (P/N: E384622101)	3.5" SBC with AMD, VGA/18-bit LVDS LCD, 2 10/100Mbps Ethernet 4 COM, 4 USB and AC'97 audio

\* W.T.: Wide Temperature