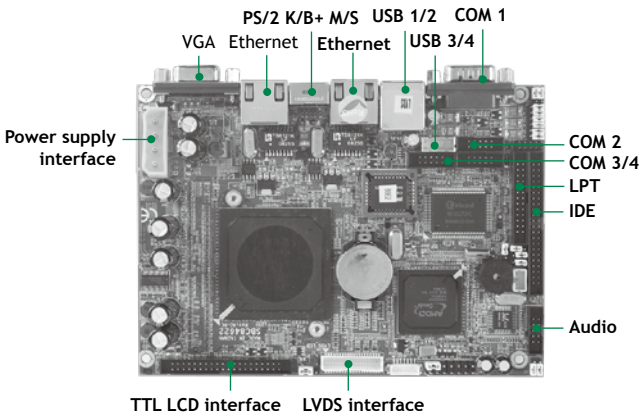
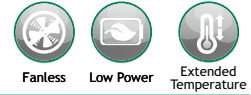


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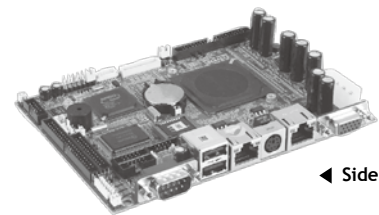
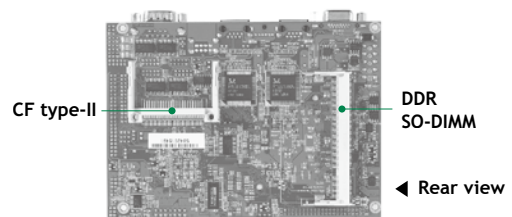
AMD LX800 3.5" Embedded SBC with Dual LANs, 4 COM, 4 USB 2.0 and VGA/LVDS/TTL



LX800
2 F.E.
LVDS/VGA
TTL LCD
4 USB 2.0
AC'97 Audio

Features

- Low power fanless AMD LX800 processor
- AMD LX800 + CS5536AD
- Dual 10/100Mbps Ethernet supported
- 4 COM and 4 USB 2.0 ports
- VGA and LVDS/TTL LCD
- +5V only DC-in supported



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 LX800 + 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 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°C - +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

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

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

Ordering Information

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

* W.T.: Wide Temperature

SBC Services and Solutions

System on Modules

Embedded SBCs > EPIC

Embedded SBCs > 3.5" Capa

Embedded SBCs > Pico-ITX

Embedded SBCs > PC/104

Industrial Motherboards

Slot CPU Cards

Accessories

Appendix