

IEM-LX

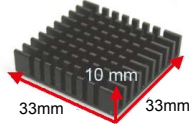
AMD® LX800 Highly Integrated ETX Module

ETX 2.8



ETX CPU Module with AMD® LX800 CPU on-board, USB 2.0, LAN & Audio

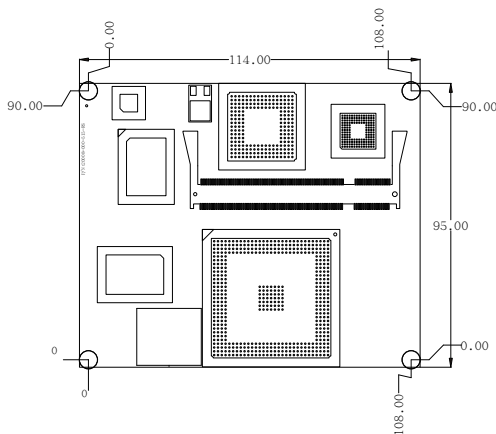
Solder Side



Specifications

- ◆ CPU
On board AMD® Geode™ LX800(500MHz) processor
- ◆ System Chipset
AMD® LX800 + AMD® CS5536
- ◆ BIOS
Award BIOS
- ◆ System Memory
One 200-pin 400/333 MHz DDR SDRAM SO-DIMM Supported (System max. 1GB)
- ◆ Ethernet
10/100Mbps RTL8100C Ethernet chipset
- ◆ I/O Interface
4 x USB 2.0
1 x LPT/FDD
1 x IDE
2 x RS-232
1 x PS/2 KB/MS
- ◆ Expansions
4 x PCI bus master
ISA support by IT8888G
- ◆ Audio
AC'97 Codec Realtek ALC203
- ◆ SSD
CF Type II
- ◆ Super I/O
W83627EHG
- ◆ Display Interface
VGA integrated in AMD® LX800
24-bit TTL (optional)
18-bit single channel LVDS
- ◆ Watchdog Timer
Software programmable supports 1-255 sec. system reset
- ◆ Power Supply
AT/ATX support
- ◆ Power Consumption
5V@0.92A (AMD® LX-800 CPU with DDR 333MHz 256MB RAM)
- ◆ Temperature
Operating: 0°C ~ 60°C(32 ~ 140° F)
- ◆ Humidity
Operating: 5% ~ 95%, non-condensing
- ◆ Dimensions
95 mm x 114 mm
- ◆ Weight
GW: 650 g; NW: 250 g

Dimensions (mm)



Packing List

- 1 x IEM-LX single board computer
- 1 x Utility CD
- 1 x QIG
- 1 x Screw kit

Ordering Information

Part No.	Description
IEM-LX-800-R10	AMD® LX800 500MHz processor, VGA/LVDS/TTL, LAN & Audio

IEM-DB-7S-RS-R30

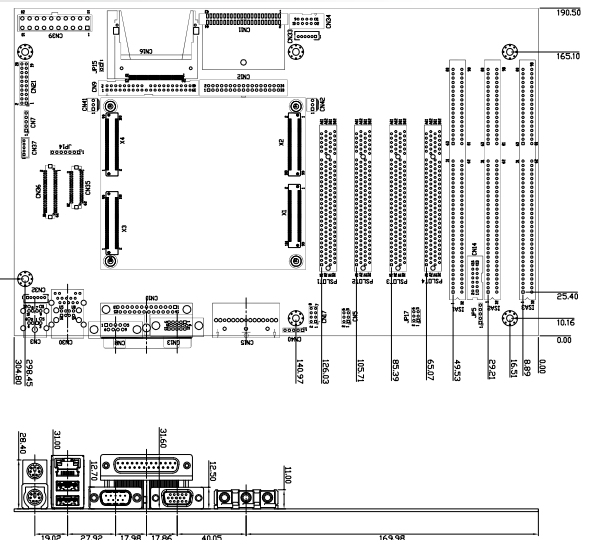
Full Function ETX Baseboard with VGA/LVDS/TTL, Audio, CF Type II and Digital I/O



Specifications

CPU Module Interface	ETX Form Factor
LCD Interface	1x30-pin, 18-bit dual-channel LVDS
Expansion Slot	1x40-pin, 24-bit TTL
SSD	4 x PCI, 3 x ISA
Audio	CF Type II
Ethernet Connector	Line-in, Speaker out, Mic-in
RS-232	1 x RJ-45
RS-232,422,485	1
KB/MS	1
USB 2.0	2 x PS/2
IDE Connector	1
LPT/ FDD	4
Digital I/O	1
IR Connector	4 Inputs, 4 Outputs
Power Supply	5 pin-header
	ATX

Dimensions (mm)



Packing List

- 1 x IEM-Baseboard single board computer
- 1 x FDD cable (P/N: 32200-000017-RS)
- 1 x HDD cable (P/N: 32200-000052-RS)
- 1 x RS-232/422/485 cable (P/N: 32200-000063-RS)
- 1 x mini jumper pack
- 1 x User Manual

Ordering Information

Part No.	Description
IEM-DB-7S-RS-R30	ATX Size 7 Slots ETX Baseboard

1
Industrial
Computing
Solutions

2
Embedded
Computing
Solutions

3
RISC-Based
Embedded
Solutions

4
Industrial
Data
Collector/
Server
Solutions

5
Video
Capture
Solutions

6
I/O
Communication
Solutions

7
Panel
Solutions

8
Power Supply/
Network
Communication/
Peripherals