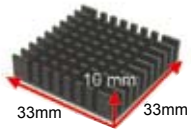
IEM-LX

ETX 2.8

AMD LX800 Highly Integrated ETX Module

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

Solder Side



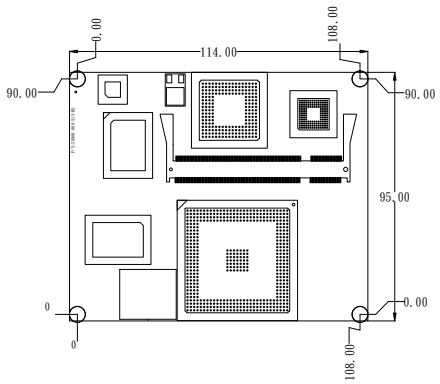
DDR400

Windows Embedded

Specifications

- CPU
  On board AMD® Geode™ LX800(500MHz) processor
- System Chipsets
  AMD® LX800 + AMD® CS5536
- BIOS
  Award BIOS
- System Memory
  One 200-pin 400/333MHz 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
  18-bit single channel LVDS
- Watchdog Timer
  Software programable 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-LX-CE060	Windows®CE 6.0 Image & BSP S/W CD, Licensed Sticker (w/o CPU board)
IEM-LX-CE050	Windows®CE 5.0 Image & BSP S/W CD, Licensed Sticker (w/o CPU board)
IEM-LX-XPE	Windows®XP Embedded Image & SLD S/W CD, Licensed Sticker (w/o CPU board)

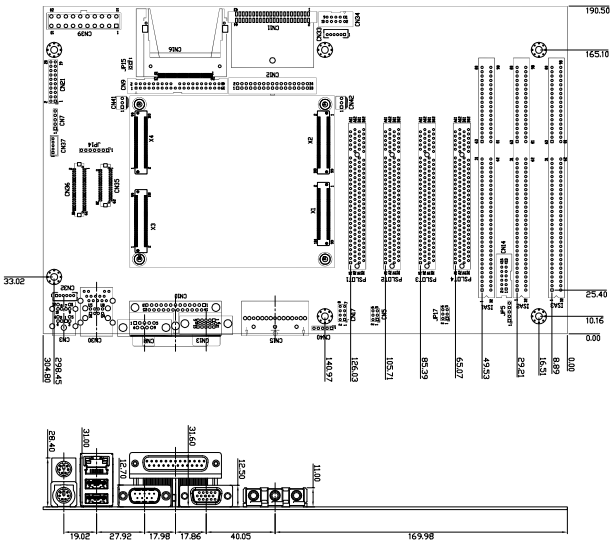
IEM-DB-7S-RS-R30

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 1x40-pin, 24-bit TTL
Expansion Slot	4 x PCI, 3 x ISA
SSD	CF Type II
Audio	Line-in, Speaker out, Mic-in
Ethernet Connector	1 x RJ-45
RS-232	1
RS-232,422,485	1
KB/MS	2 x PS/2
VGA	1
USB 2.0	4
IDE Connector	2
LPT/ FDD	1
Digital I/O	4 Inputs, 4 Outputs
IR Connector	5 pin-header
Power Supply	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