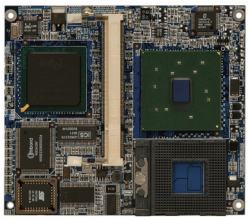
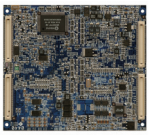
IEM-PM

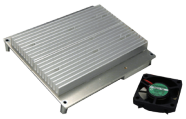
Pentium® M Highly Integrated ETX Module



ETX CPU Module with Intel® Pentium® M / Celeron® M CPU , USB 2.0, LAN & Audio

Solder Side





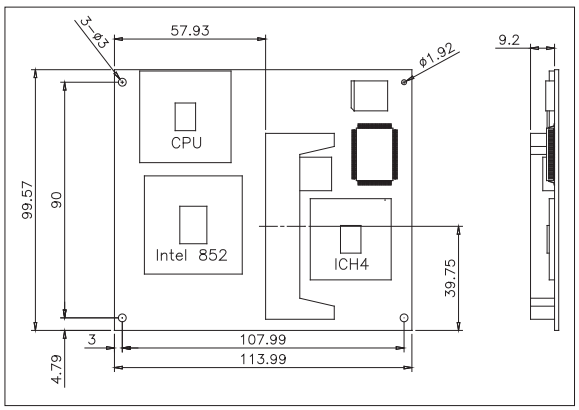
Heatsink/CPU cooler for various applications

FSB 400 DDR266

Specifications

- **CPU**
  Intel® Celeron® M 600MHz (IEM-PM-600E)
- **System Chipset**
  Intel® 852GM + ICH4
- **BIOS**
  AMI BIOS
- **System Memory**
  1 x SO-DIMM 266MHz SDRAM up to 1GB
- **Ethernet**
  10/100Mbps Intel® 82562ET Ethernet chipset
- **I/O Interface**
  2 x IDE
  1 x LPT/FDD
  2 x RS-232
  4 x USB 2.0
  1 x PS/2
- **Expansions**
  4 x PCI bus master
  ISA support by Winbond W83629G / W83628G
- **Audio**
  AC' 97 CODEC
- **Super I/O**
  W83627HG
- **Display Interface**
  VGA integrated in Intel® 852GM
  18-bit dual channle LVDS
- **Watchdog Timer**
  Software programable supports 1-255 sec. system reset
- **Power Supply**
  AT/ATX support
- **Power Consumption**
  5V@3.8A
  (Celeron® M 1.5G, DDR266/256MB RAM)
- **Temperature**
  Operation: 0°C ~ 60°C (32 ~ 140° F)
- **Humidity**
  Operation: 5% ~ 95%, non-condensing
- **Dimensions**
  99.57 mm x 114 mm
- **Weight**
  GW: 650g; NW: 250g

Dimensions



Packing List

- 1 x IEM-PM single board computer
- 1 x CF-IEM-02 Hetsink (IEM-600E)
- 1 x Utility CD
- 1 x QIG (quick installation guide)

Ordering Information

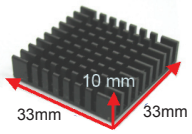
Part No.	Description
IEM-PM-600E-R10	ULV Intel Celeron® M 600 MHz ETX CPU Module with LAN function

IEM-LX

AMD LX800 Highly Integrated ETX Module

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

Solder Side

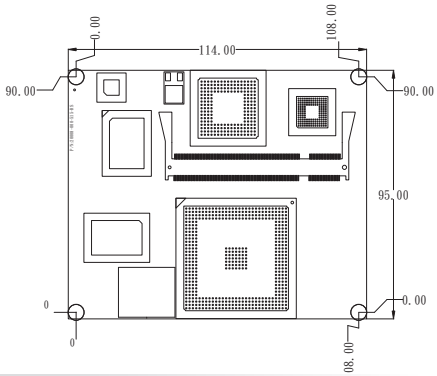


DDR400 RoHS Lead Free Windows Embedded

Specifications

- **CPU**
  AMD® LX800 processor
- **System Chipset**
  AMD® LX800 + AMD® CS5536
- **BIOS**
  Award BIOS
- **System Memory**
  1 x 200-pin DDR 400/333MHz SO-DIMM SDRAM up to 1GB
- **Ethernet**
  10/100Mbps RTL8100C Ethernet chipset
- **I/O Interface**
  4 x USB 2.0
  1 x LPT
  1 x CF Type II
  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
- **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**
  Operation: 0°C ~ 60°C (32 ~ 140° F)
- **Humidity**
  Operation: 5% ~ 95%, non-condensing
- **Dimensions**
  95 mm x 114 mm
- **Weight**
  GW: 650g; NW: 250g

Dimensions



Packing List

- 1 x IEM-LX single board computer
- 1 x Mini jumper pack
- 1 x Utility CD
- 1 x QIG (quick installation guide)

Ordering Information

Part No.	Description
IEM-LX-800-R10	AMD LX800 500MHz processor, VGA/LVDS/TTL, LAN & Audio
IEM-LX-CE060	WindowsCE 6.0 Image & BSP S/W CD, Licensed Sticker (w/o CPU board)
IEM-LX-CE050	WindowsCE 5.0 Image & BSP S/W CD, Licensed Sticker (w/o CPU board)
IEM-LX-XPE	WindowsXP Embedded Image & SLD S/W CD, Licensed Sticker (w/o CPU board)