



Features

- **Micro-ATX Form Factor**
- **Accepts Avalue ETX Modules & Other ETX CPU Modules**
- **VGA/ LVDS/ Audio Interface**
- **3 PCI, 2 ISA (4 External Slots Max.)**
- **1 CF, 2 COM, 4 USB, 32-bit GPIO**

Specifications

System

• Form Factor	Micro-ATX
• SSD	One CompactFlash Type I/II Socket
• Expansion	3 x PCI, 2 x ISA (External 3 x PCI & 1 x ISA or 2 x PCI & 2 x ISA)

I/O

• MIO	2 x EIDE (Up to 4 Devices), 1 x LPT/ FDD, 1 x RS-232, 1 x RS-232/ 422/ 485, 1 x KB, 1 x Mouse
• IrDA	5 x 1 Header, Pitch 2.54mm
• USB	4 x USB 2.0 (2 Double Deck USB Support 4 USB)
• DIO	1 x 8-bit GPI, 1 x 8-bit GPO (20pin Pitch 2.54mm) & 1 x 16-bit DIO (20pin Pitch 2.54mm)

Audio

• Audio Codec	Realtek ALC883 Supports 7.1-CH Audio
• Audio Interface	Mic-in, Line-in, Line-out
• Amplifier	APA4863RI Audio Power Amplifier (2 x 2 Wafer, Pitch 2mm)

Connectors

• External Connector	1 x Mouse, 1 x KB, 1 x LPT, 1 x COM, 1 x VGA, 4 x USB, 1 x Audio Jack (6-Ports)
• LVDS Connector	One HIROSE DF13-40DP-1.25V
• Power Connector	One 24-pin ATX, One P9/ P8 AT Power Connector

Mechanical & Environmental

• Power Type	AT/ ATX
• Operating Temperature	0 ~ 60°C (32 ~ 140°F)
• Storage Temperature	-40 ~ 75°C (-40 ~ 167°F)
• Operating Humidity	0%~90% Relative Humidity, Non-condensing
• Size (L x W)	240mm x 240mm
• Weight	1.10lb (0.5Kg)

Supported ETX CPU Modules

- **ESM-945GSX**
Intel® Atom™ N270 ETX Module with Intel® 945GSE + ICH7-M Chipset
- **ESM-945ETX**
Intel® Core™ 2 Duo/ Core™ Duo/ Celeron® M ETX Module with Intel® 945GME + ICH7-M Chipset
- **ESM-LX800**
AMD Geode LX800 ETX Module with AMD Geode LX800 + CS5536 Chipset

Ordering Information

- **EEV-EX03**
Micro-ATX ETX Carrier Board
- **ACC-CF-xx**
CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512MB, 1, 2, 4, 8GB)