



Features

- Mini-ITX Form Factor
- Accepts Avalue's & 3rd Party's ETX CPU Module
- Battery Backup 512K x 2 SRAM
- Security IC Protection
- 1 Type I/II CF
- 1 LAN
- 1 PCI, 4 USB, 4 COM, 64-bit GPIO, 8-bit Isolated DIO
- JAMMA Standard Interface



Specifications

System

• Form Factor	Mini-ITX Form Factor
• CPU Module Socket	4 x 100-pin connectors
• I/O Chip	Windbond W83977EF-AW
• SRAM	Battery backup with dual 512KB SRAM chips
• SSD	One CompactFlash Type I/II socket
• Expansion	1 PCI
• Security Chip	Microchip HCS3000

I/O

• MIO	2 x EIDE, 3 x RS-232, 1 x RS-232/422/485, 1 x KB & Mouse
• IrDA Connector	5 x 1, pitch 2.54 mm header
• USB Connector	Two double deck USB connectors support 4 USB
• DIO	64-bit GPIO, 8-bit Isolated DIO

Audio

• AC97 Codec	CMI8738 (PCI)
• Audio Interface	Line in, Mic in, Line out, Amplifier 80 hm/20 W

Connectors

• External Connector	PS/2 K/B (Mini-DIN), PS/2 Mouse (Mini-DIN), dual double deck USB, RJ-45 over dual USB, COM 1 ~ 4 (DB-9 & box header), Mic in, Line in, Line out audio jacks
• LVDS Connector	One HIROSE DF13-40DP-1.25 V
• Audio Connector	Mic in, Line in, Line out
• Power Connector	DC-in 9 V to 36 V, 80 W
• Fan Connector	3 x 1, pitch 2.54 mm header
• Power Output	4P (+5V, +12V, GND)
• Other Interface	JAMMA

Mechanical & Environmental

• Power Type	AT
• Operating Temperature	0~60°C (32~140°F)
• Operating Humidity	0%-90% relative humidity, non-condensing
• Size (L x W)	6.7" x 6.7" (170 x 170 mm)
• Weight	1.10 lbs (0.5 kg)

Supported ETX CPU Modules

- **ESM-2743**
Intel® Celeron® M 600 MHz ETX Module
- **ESM-2740**
Intel® Pentium® M / Celeron® M ETX Module
- **ESM-CN700**
VIA CN700 Eden V4 1 GHz ETX Module
- **ESM-2545**
AMD Geode LX800 @ 0.9 W ETX Module
- **ESM-945ETX**
Intel® 945GME Core™ Duo / Core™ 2 Duo / Celeron® M ETX Module
- **ESM-910ETX**
Intel® 910GMLC Celeron® M ETX Module

Ordering Information

- **EAP-EX95**
Mini-ITX Carrier Board with 4 COM, USB, DIO & JAMMA Interface
- **ACC-CF-XX**
CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512 MB, 1, 2, 4, 8 GB)