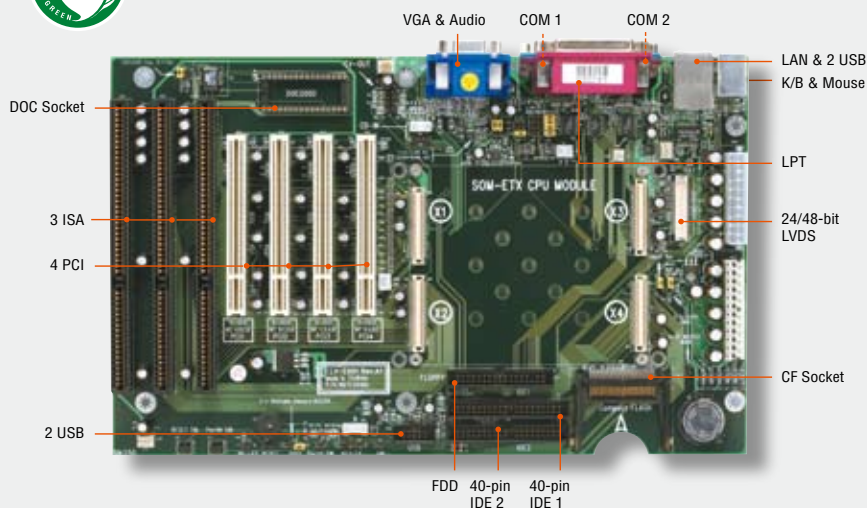


EEV-EX01

ETX Carrier Board for Evaluation



Features

ATX Form Factor

Accepts Avalue's & 3rd Party's ETX CPU Module

VGA / LVDS / Audio / TV-out Interface

Type I/II CF, 1 DOC

3 PCI, 2 ISA, 1 PCI/ISA, 1 SIRQ

2 COM, 4 USB

TV-out

DOC

3 PCI

2 ISA

Specifications

System

• Form Factor	ATX
• CPU Module Socket	Supports Avalue ESM-2440, ESM-2640, ESM-2643, ESM-2646, ESM-2740, ESM-2743, ESM-CN700 & other ETX compatible CPU modules
• SSD	One M-Systems DiskOnChip, one CompactFlash Type I/II socket
• Expansion	Three PCI slots (PCI Rev. 2.2 compliant), two ISA slots, one PCI or ISA slot, one SIRQ

I/O

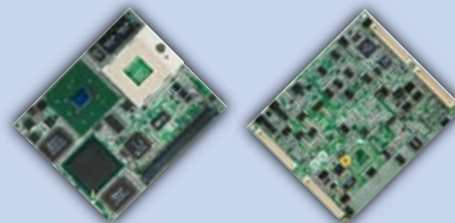
• MIO	2 x EIDE, 1 x FDD/LPT, 1 x RS-232, 1 x RS-232/422/485, 1 x K/B, 1 x Mouse
• IrDA Connector	5 x 1, pitch 2.54mm header
• USB Connector	One double deck USB connector supports dual USB port and one 5 x 2, pitch 2.54 mm header supports additional dual USB ports

Connectors

• External Connector	PS/2 K/B (Mini-DIN), PS/2 Mouse (Mini-DIN), Dual USB, RJ-45, LPT1 (DB-25), COM1 (DB-9), COM2 (DB-9), VGA (DB-15), & Mic in, Line in, Line out audio jacks
• LVDS Connector	One HIROSE DF13-40DP-1.25V
• TV-out Connector	4 x 2, pitch 2.54 mm header x 1
• Audio Connector	Mic in, Line in, Line out audio jacks
• Power Connector	AT & ATX connector

Mechanical & Environmental

• Power Consumption	+5 V @ 2.17 A (with Mobile Intel® ULV Celeron® 400 MHz & 128 MB SDRAM)
• Power Type	AT/ATX
• Operating Temperature	0-60°C (32-140°F)
• Operating Humidity	0%-90% relative humidity, non-condensing
• Size (L x W)	12" x 7.6" (305 mm x 192 mm)
• Weight	0.88 lbs (0.4 Kg)



Above: Front images of ESM-2740 ETX CPU module. The ETX modules interface with the carrier board with four 100-pin connectors carrying control signals

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-2640-P8**
Mobile Intel® LV Pentium® III 800 MHz ETX Module
- **ESM-2545**
AMD Geode LX800 @ 0.9 W ETX Module

Ordering Information

- **EEV-EX01**
ETX Evaluation Carrier Board

01
RISC

02
ETX

03
3.5"

04
EPIC

05
5.25"

06
MB

07
PC/104

08
Barebones

09
Smart Terminal

10
InnoFlex PPC

11
ACC