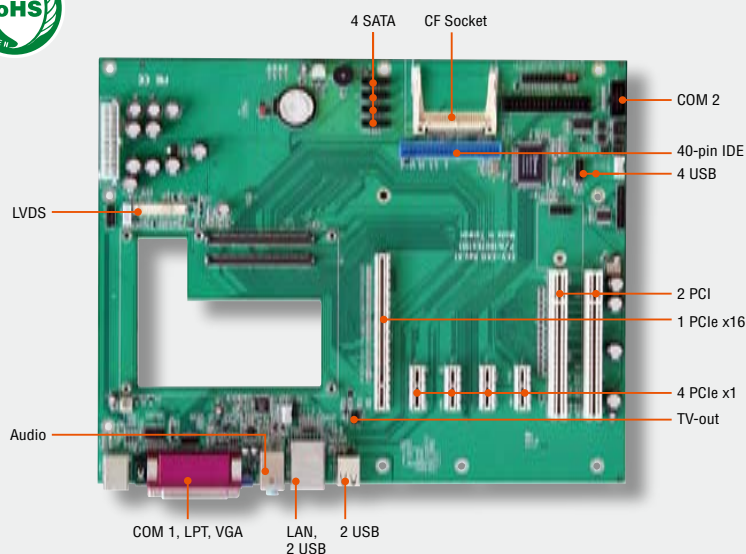


EEV-EX11

ETXexpress Carrier Board for Evaluation



Features

- ATX Form Factor
- Accepts Avalue's ESM-945GM, ESM-2850 & Other Compatible ETXexpress CPU Module
- VGA / LVDS / Audio / TV-out Interface
- Type I/II CF
- 2 PCI, 4 PCI Express x1, 1 PCI Express x16

TV-out

4 PCIe

4 SATA

8 USB

Specifications

System

• Form Factor	ATX
• CPU Module Socket	Supports Avalue ESM-945GM, ESM-2850 other ETXexpress compatible CPU modules
• I/O Chip	Windbond W83627HG-AW
• AC97 Codec	VIA VT1616, 5.1 CH
• SSD	One CompactFlash Type I/II socket
• Expansion	Two PCI slots (PCI Rev. 2.3 compliant), four PCI Express x 1 slot, one PCI Express x 16 slot

I/O

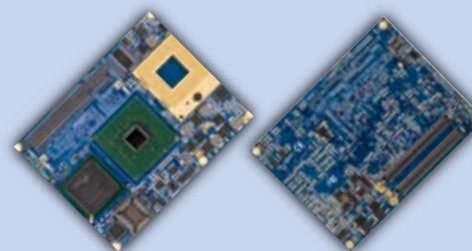
• MIO	1 x EIDE, 4 x SATA, 2 x FDD, 1 x LPT, 1 x RS-232, 1 x RS-232/422/485, 1 x K/B, 1 x Mouse
• IrDA Connector	5 x 1, pitch 2.54mm header
• USB Connector	Two double deck USB connectors support 4 USB and two 5 x 2 headers onboard support additional 4 USB
• DIO	16-bit GPIO, including 8-bit GPIO from ETXexpress module

Connectors

• External Connector	PS/2 K/B (Mini-DIN), PS/2 Mouse (Mini-DIN), dual double deck USB, RJ-45, LPT 1 (DB-25), COM 1 (DB-9), COM 2 (DB-9), VGA (DB-15) & Mic in, Line in, Line out audio jacks
• LVDS Connector	One HIROSE DF13-40DP-1.25 V
• 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	ATX connector

Mechanical & Environmental

• Power Type	ATX
• Operating Temperature	0~60°C (32~140°F)
• Operating Humidity	0%~90% relative humidity, non-condensing
• Size (L x W)	12" x 7.9" (305 mm x 240 mm)
• Weight	1.10 lbs (0.5 Kg)



Above: Front and back images of ESM-945GM ETXexpress CPU module. The ETXexpress modules interface with the carrier board with two 200-pin connectors carrying control signals

Supported ETX CPU Modules

- **ESM-945GM**
Intel® 945GM Core™ Duo / Solo ETXexpress Module
- **ESM-2850**
Intel® Pentium® M / Celeron® M ETXexpress Module

Ordering Information

- **EEV-EX11**
ETXexpress Evaluation Carrier Board

01
RISC02
ETX03
3.5"04
EPIC05
5.25"06
MB07
PC/10408
Barebones09
Smart
Terminal10
InnoFlex
PPC11
ACC