

ETX Carrier Board Series

EAP-EX92 ETX Carrier Board



Features

- Accepts Avalue's & 3rd Party's ETX CPU Module
- VGA / LVDS / Audio / TV-out Interface
- Optional Built-in Touch Screen I/F
- 1 Mini PCI, 1 Type I/II CF, 4 COM, 8 USB

System

• Form Factor	Special Form Factor
• CPU Module Socket	4 x 100-pin connectors
• I/O Chip	Winbond W83977EG-AW
• SSD	Type I/II CF socket
• Expansion	1 Mini PCI

Built-in Touch Screen (Optional)

• Chipset	PenMount DMC9000
• Touch Screen Interface	With 9-pin 2 mm box header (can be selected to support 4/5/8-wire touch screen)

I/O

• MIO	1 x EIDE, 1 x LPT, 3 x RS-232, 1 x RS-232/422/485, 1 x K/B & Mouse
• IrDA Connector	5 x 1, pitch 2.54 mm header
• USB Connector	Two double deck USB connectors support 4 USB, two single deck USB connectors support 2 USB and one 5 x 2 headers onboard support additional 2 USB
• DIO	4-bit GPI and 4-bit GPO

Connectors

• External Connector	PS/2 K/B & Mouse (Mini-DIN), six USB 2.0, dual RJ-45, LPT 1 (DB-25), COM 1 (DB-9), COM 2 (DB-9), COM 3 (DB-9), COM 4 (DB-9), VGA (DB-15), TV-out (RCA)
• LVDS Connector	One HIROSE DF13-40DP-1.25V
• TV-out Connector	One RCA jack
• Audio Connector	Mic in, Line in, Line out audio jacks
• Power Connector	DC +12 V to +24 V power jack

Ethernet

• LAN 1	For ETX Module
• LAN 2	Realtek RTL8100C or Optional RTL8110S GigaLAN

Mechanical & Environmental

• Power Requirement	+19 V @ 1.46 A (with Intel® Pentium® M 1.1 GHz & 256 MB SDRAM)
• Power Type	ATX
• Operating Temperature	0 ~ 60 °C (32 ~ 140 °F)
• Operating Humidity	0% ~ 90% relative humidity, non-condensing
• Size (L x W)	9.21" x 5.51" (234 x 140 mm)
• Weight	0.84 lbs (0.38 kg)

Ordering Information

- **EAP-EX92** ETX Carrier Board with 4 COM
- **EAP-EX92T** ETX Carrier Board with 3 COM & Built-in Touch Screen I/F
- **1757205000** AC/DC 50W Power Adapter 90~264V/47~63Hz, +12V/4.16A

Note: Cable kit not included

EAP-EX61 Half-size PISA-bus ETX Carrier Board



Features

- Half Size PISA Bus Single Board Computer Form Factor
- Accepts Avalue's & 3rd Party's ETX CPU Module
- VGA / LVDS / Audio / TV-out Interface
- 1 Type I/II CF, 1 DOC, 2 COM, 4 USB

System

• Form Factor	Half Size SBC
• CPU Module Socket	4 x 100-pin connectors
• SSD	One M-Systems DiskOnChip, Type I/II CF socket

I/O

• MIO	4 x EIDE, 1 x FDD/LPT, 1 x RS-232, 1 x RS-232/422/485, 1 x K/B & Mouse
• IrDA Connector	5 x 1, pitch 2.0 mm header
• USB Connector	Two 5 x 2, pitch 2.54 mm headers support 4 x USB

Connectors

• External Connector	PS/2 K/B & Mouse (Mini-DIN), RJ-45, COM 1 (DB-9), & VGA (DB-15)
• LVDS Connector	One HIROSE DF13-40DP-1.25V
• TV-out Connector	One 8 x 2, pitch 2.54 mm header (with Audio)
• Audio Connector	One 8 x 2, pitch 2.54 mm header (with TV-out)
• Power Connector	AT connector supports ATX

Mechanical & Environmental

• Power Requirement	+5 V @ 1.9 A (with Transmeta Crusoe TM5800 800 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)	7.3" x 4.8" (185 mm x 122 mm)
• Weight	0.44 lbs (0.2 kg)

Supported ETX CPU Modules

- **ETX CPU Module**
Supports Avalue ESM-2740, ESM-2743, ESM-CN700, ESM-2545, ESM-945ETX, ESM-910ETX & other ETX compatible CPU modules

Ordering Information

- **EAP-EX61**
Half-size PISA-bus ETX Carrier Board
- **ACC-CF-xx**
CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512 MB, 1, 2, 4 GB)
- **ACC-DOC 2000-xx**
DiskOnChip 2000 (xx=Capacity, Capacity Option: 16, 24, 32, 48, 64, 80, 112, 144, 288, 576 MB up to 1 GB)