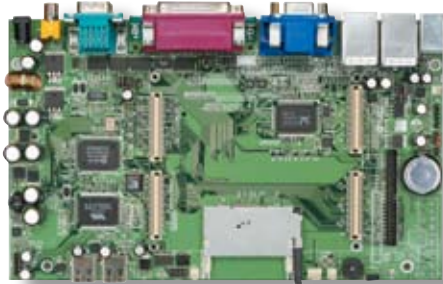




# ETX Carrier Board Series

## 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, Type I/II CF, 4 COM, 6 USB

### System

• <b>Form Factor</b>	Special Form Factor
• <b>CPU Module Socket</b>	Four 100-pin connectors
• <b>I/O Chip</b>	Winbond W83977EG-AW
• <b>SSD</b>	One Type I/II CF socket
• <b>Expansion</b>	One Mini PCI slot

### Built-in Touch Screen (Optional)

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

### I/O

• <b>MIO</b>	1 x EIDE, 1 x LPT, 3 x RS-232, 1 x RS-232/422/485, 1 x KB & Mouse
• <b>IrDA Connector</b>	5 x 1, pitch 2.54 mm header
• <b>USB Connector</b>	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

### Connectors

• <b>External Connector</b>	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), DC power jack & Mic in/Line in/Line out audio jacks
• <b>LVDS Connector</b>	One HIROSE DF13-40DP-1.25V
• <b>TV-out Connector</b>	One RCA jack
• <b>Audio Connector</b>	Mic in, Line in, Line out audio jacks
• <b>Power Connector</b>	DC +12 V to +24 V power jack

### Mechanical & Environmental

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

## Ordering Information

• <b>EAP-EX92</b>	ETX Carrier Board with 4 COM
• <b>EAP-EX92T</b>	ETX Carrier Board with 3 COM & Built-in Touch Screen I/F
• <b>1757205000</b>	AC/DC 50W Power Adapter 90~264V/47~63Hz, +12V/4.16A
<b>Note:</b>	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
- Type I/II CF, 1 DOC, 2 COM, 4 USB

### System

• <b>Form Factor</b>	Half Size SBC
• <b>CPU Module Socket</b>	Four 100-pin connectors
• <b>SSD</b>	One M-Systems DiskOnChip, one Type I/II CF socket

### I/O

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

### Connectors

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

### Mechanical & Environmental

• <b>Power Consumption</b>	+5 V @ 1.9 A (with Transmeta Crusoe TM5800 800 MHz & 128 MB SDRAM)
• <b>Power Type</b>	AT/ATX
• <b>Operating Temperature</b>	0 ~ 60 °C (32 ~ 140 °F)
• <b>Operating Humidity</b>	0% ~ 90% relative humidity, non-condensing
• <b>Size (L x W)</b>	7.3" x 4.8" (185 mm x 122 mm)
• <b>Weight</b>	0.44 lbs (0.2 Kg)

## Supported ETX CPU Modules

- **ETX CPU Module**  
Supports Avalue ESM-2740, ESM-2743, ESM-CN700, ESM-2640, ESM-2545 & other ETX compatible CPU modules

## Ordering Information

• <b>EAP-EX61</b>	Half-size PISA-bus ETX Carrier Board
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