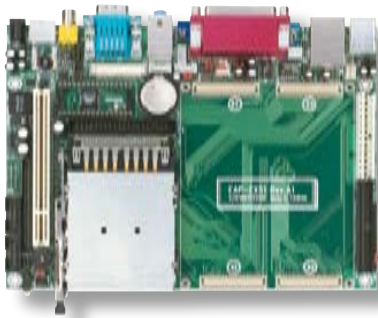


ETX Carrier Board Series

EAP-EX51 5.25" ETX Carrier Board



Features

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

System

• Form Factor	5.25" CD-ROM Drive size
• CPU Module Socket	Four 100-pin connectors
• I/O Chip	Winbond W83977EG-AW
• SSD	One M-Systems DiskOnChip, one CompactFlash Type I/II socket
• Expansion	One PCI slot (PCI Rev. 2.2 compliant)

I/O

• MIO	2 x EIDE, 2 x FDD, 1 x LPT, 3 x RS-232, 1 x RS-232/422/485, 1 x K/B, 1 x Mouse
• IrDA Connector	5 x 1, pitch 2.0 mm wafer
• USB Connector	One double deck USB connector supports dual USB and one 5 x 2, pitch 2.54 mm header supports additional dual USB
• CardBus	RICOH R5C486 supports two CardBus Type I/II slots

Connectors

• External Connector	PS/2 K/B & Mouse (mini DIN), dual USB, RJ-45, LPT 1 (DB-25), COM 1 (DB-9), COM 2 (DB-9), COM 3 (DB-9), VGA (DB-15), S-Video, Composite Video jack, Mic in, Line in, Line out audio jacks
• LVDS Connector	One HIROSE DF13-40DP-1.25 V
• Power Connector	AT connector supports ATX & DC 24 V power jack

Mechanical & Environmental

• Power Consumption	+5 V @ 1.3 A (with AMD Geode GX1 300 MHz & 64 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)	8" x 5.75" (203 mm x 146 mm)
• Weight	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

- **EAP-EX51**
5.25" ETX Carrier Board

EAP-EX31 3.5" ETX Carrier Board



Features

- 3.5" Single Board Computer Form Factor
- Accepts Avalue's & 3rd Party's ETX CPU Module
- VGA / LVDS / Audio / TV-out Interface
- 2 CardBus, 1 PCI
- Type I/II CF, 4 COM, 2 USB

System

• Form Factor	3.5" HDD Size
• CPU Module Socket	Four 100-pin connectors
• I/O Chip	Winbond W83977EG-AW
• SSD	One CompactFlash Type I/II socket
• Expansion	One PCI slot (PCI Rev. 2.1 compliant)

I/O

• MIO	1 x EIDE, 2 x FDD, 1 x LPT, 3 x RS-232, 1 x RS-232/422/485, 1 x K/B & Mouse
• IrDA Connector	5 x 1, pitch 2.0 mm header
• USB Connector	One double deck USB connector supports dual USB
• CardBus	RICOH R5C486 supports two CardBus Type I/II slots

Connectors

• External Connector	PS/2 K/B & Mouse (mini DIN), dual USB, RJ-45, COM 1 (DB-9), VGA (DB-15)
• LVDS Connector	One HIROSE DF13-40DP-1.25 V
• TV-out Connector	One 3 x 2, pitch 2.0 mm header
• Audio Connector	One 5 x 2, pitch 2.0 mm header
• Power Connector	3.5" HDD type

Mechanical & Environmental

• Power Consumption	+5 V @ 1.3 A (with AMD Geode GX1 300 MHz & 64 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)	5.7" x 4" (146 mm x 101 mm)
• Weight	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

- **EAP-EX31**
3.5" ETX Carrier Board

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