

# EAP-EX51

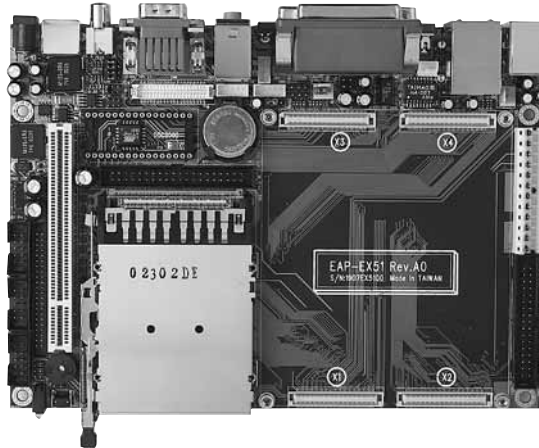
5.25" SOM-ETX

## FEATURES

- 5.25" Single Board Computer Form Factor
- Accepts ESM-2440, ESM-2640, ESM-2645, ESM-2643 and other SOM-ETX compatible CPU modules
- Supports LVDS interface
- 4 COM/4 USB/1 Parallel/1IrDA Port
- RICOH R5C486 Card Bus Controller supports Dual PCMCIA Type I/II slots
- Supports Type I & II Compact Flash Disk

## Ordering Information

- EAP-EX51  
5.25" SOM-ETX Carrier Board



## SPECIFICATIONS

### General Functions

Form factor	5.25" CD-ROM Drive Size
SOM-ETX CPU Module socket	Supports ESM-2440, ESM-2640, ESM2643, ESM-2645 and other SOM-ETX compatible CPU modules
I/O Chipset	Winbond W83977EF-AW
Enhanced IDE	Supports four EIDE devices
FDD interface	Supports two floppy disk drives
Parallel port	Supports one LPT
Serial port	Three RS-232 serial ports and one RS-232/422/485
KB/Mouse connector	PS/2 keyboard and mouse
USB connectors	One double deck USB connector supports dual USB ports. One 5 x 2, pitch 2.54mm header supports additional dual USB ports
IrDA	5 x 1, pitch 2.0mm header

### PCMCIA

Chipset	RICOH R5C486
PCMCIA interface	2 x PCMCIA Type I/II slots

### Expansion Interface

PCI interface	One PCI slot onboard
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### SSD Interface

SSD interface	One M-Systems DiskOnChip and one CF socket supports Type I/II Compact Flash Card
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### Connectors

External connectors	PS/2 KB & Mouse (Mini-DIN), Dual USB ports, RJ-45, LPT1 (DB-25), COM1 (DB-9), COM 2 (DB-9), COM 3 (DB-9)VGA (DB-15), S-Video, Composite Video jack
LVDS connector	Mic in/Line in/Lineout Audio jacks
Power connector	One Hirose DF013-40DP-1.25V AT connector supports ATX & DC 24V power jack

### Mechanical and Environmental

Power requirements	+5V @ 1.3 A (with NS Geode GX1 300MHz & 64MB SDRAM)
Power type	AT/ATX
Operating temperature	0 to 60°C
Board size	146mm x 203mm
Weight	0.2kg