

PCI Bus Expansion Adapter
for CardBus PC-Slot

EAD(CB)BE-N



* Specifications, color and design of the products are subject to change without notice.

Features

Capable of expand the PCI buses (5V/32-bit, 33 MHz) from a notebook computer.

Expansion chassis free of choice according to the number of PCI bus slots and the board size required.

Power supply controllable in response to the turning on/off of the PC's power supply.

Hardware Specification

Specification of BUS-PC(CB)A

Item	Specification
Compatible PC card slot	PC Card Standard-compliant CardBus
Physical dimensions (mm)	TYPE II (85.6 x 54.0 x 5.0)
Power consumption (Max.)	3.3VDC 200mA *1
Usable condition	0 - 50°C, 20 - 90%RH (No condensation)
Weight	50g

*1 Power is supplied from the PC's main unit.

Specification of BUS-PC(CB)A

Item	Specification
Bundled connection cable	CB-CB68/96 (Cable length 1m) *2

*1 Only the bundled cable can be used.

Packing List

- PC Card [BUS-PC(CB)A] ...1
- Connection cable [CB-CB68/96] ... 1
- User's Manual ...1
- CD-ROM [DriversSoftware for EAD(CB) Series]...1

Expansion chassis (Option)

- PCI Bus Expansion Chassis (Short x 2Slots) : ECH(PCI)BE-H2B
- (Long x 2Slots) : ECH(PCI)BE-F2B
- (Short x 4Slots) : ECH(PCI)BE-H4B
- (Long x 4Slots) : ECH(PCI)BE-F4B
- (Short x 4Slots) : ECH(PCI)BE-H4A

Check the CONTEC's Web site for more information on these expansion chassis.

Combinations of Expansion Adapters and Expansion Chassis

The expansion adapters and expansion chassis can be used in the following combinations:

Expansion adapter	Expansion chassis ECH(PCI)BE								
	-H2B	-F2B	-H4B	-F4B	-H4A	-H7A	-F7A	-H13A	-F13A
EAD(CB)BE	o	o	o	o	o	x	x	x	x
EAD(PCI)BE	o	o	o	o	o	o	o	o	o
EAD(LPCI)BE	o	o	o	o	o	o	o	o	o
EAD-BE-LPE	o	o	o	o	o	o	o	o	o

This product is an expansion adapter that connects the optional expansion chassis ECH(PCI)BE to a PC to extend a CardBus compliant PC Card slot in the PC, thereby providing additional PCI bus slots.

This product operates under Windows Vista(Since SP1), Windows XP, Windows 2000, Windows Me, Windows 98SE, Windows 98.

Restrictions

This product has restrictions on the types of PCs and boards that can be used.

Be sure to check the following restrictions before use.

< Restrictions of PC >

Your PC must have a PC Card slot conforming to the CardBus PC Card Standard on a PC.

This product uses the PCI-to-PCI Bridge to extend the bus. The expansion chassis does not work normally if the BIOS and CardBus controller on your PC do not detect the PCI-to-PCI Bridge and the PCI boards plugged on the expansion chassis.

Check the CONTEC's Web site for more information on the certified PCs and supported OSSs.

< Restrictions on transfer rate >

When the expansion chassis accommodates a board that performs high-speed transfer such as bus mastering, the overall transfer rate may be lower than that of PCI bus slots in the main unit of a desktop PC.

This is caused by bus extension by the PCI-to-PCI Bridge. The transfer rate may vary with the system configuration and the type of the PC.

< Restrictions of PCI board >

None of the following types of boards can be used in any expansion slot in the expansion chassis connected to this product.

Video display board (VGA board)

Board that must boot from within the expansion chassis

Board to connect a PCI bus expansion chassis

Board explicitly stated not to be used with the PCI-to-PCI Bridge

Some boards, even PCI-compliant ones, may not work depending on their specifications

< Restrictions of OS >

This product has the following restrictions when used in the Windows XP or Windows 2000 environment.

Available I/O address range : Within 768 Bytes

Available memory address range : Within 1 MByte

The available I/O address and memory address ranges may be different depending on each PC environment.