

Cabled PCI Express
Express Card bus slot Expansion Adapter (Host PC)
EAD-CE-EC



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

Features

PCI bus (5V/32bit 33MHz) slots can be added to a notebook computer via its ExpressCard or slots of PCI Express(x1) bus.

When an optional expansion chassis is connected, PCI bus (5V/32bit 33MHz) or PCI Express(x1) bus expansion slots can be added to the notebook's ExpressCard. The product comes with a connection cable (1m), which can be used to connect ExpressCard with the expansion chassis.

Expansion chassis can be selected according to your use.

An expansion chassis can be selected according to the number of slots needed for the PCI bus or PCI Express(x1) bus as well as the board size.

Power-ON/OFF control of the expansion chassis can be linked to that of your PC.

As your PC is turned ON or OFF, the expansion chassis can also be turned ON or OFF, accordingly.

Expansion chassis (Option)

PCI Bus Expansion Chassis

- (Short size, 2-Slots, BLACK) : ECH-PCI-CE-H2B
- (Short size, 2-Slots, BLACK) : ECH-PCI-CE-H2C
- (Long size, 2-Slots, BLACK) : ECH-PCI-CE-F2B
- (Short size, 4-Slots, BLACK) : ECH-PCI-CE-H4B
- (Long size, 4-Slots, BLACK) : ECH-PCI-CE-F4B
- (Short size, 4-Slots,) : CH-PCI-CE-H4D
- (Short size, 4-Slots, Built-in) : CH-PCI-CE2-H4A

PCI Express Bus Expansion Chassis

- (Short size, 2-Slots, BLACK) : ECH-PE-CE-H2B
- (Long size, 2-Slots, BLACK) : ECH-PE-CE-F2B

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

This product is an expansion adapter (bundled with a 1m connection cable) that connects an ExpressCard slot on a notebook computer to a PCI bus or PCI Express bus expansion chassis. An expansion chassis can be selected according to the usage for needed.

Specifications

Specification of BUS-PC-EC

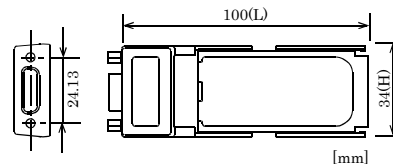
Item	Specification
Compatible PC card slot	ExpressCard Standard Release 1.1
Outside dimensions (mm)	100(L) x 34(H)
Power consumption (Max)	3.3VDC 50mA (Max)
Usable condition	0 - 50°C, 10 - 90%RH (No condensation)
Weight	40g
Standard	VCCI Class A, FCC Class A, CE Marking (EMC Directive Class A, RoHS Directive), UKCA

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

Specification of CB-CE1

Item	Specification
Bundled connection cable	CB-CE1 (Cable length 1m)

Outside dimensions



Packing List

- ExpressCard [BUS-PC-CE] ...1
- Connection cable [CB-CE1] ...1
- Connector protection cover ...1
- This User's Manual ...1
- Warranty Certificate ...1
- Serial number label ...1

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-CE								
	-H2B	-H2C	-F2B	-H4B	-F4B	-H4D	-H4A	-H7A	-H13A
EAD-CE-EC	○	○	○	○	○	○	○	×	×
EAD-CE-LPE	○	○	○	○	○	○	○	○	○

Expansion adapter	Expansion chassis ECH-PCI-CE2		Expansion chassis ECH-PE-CE		Expansion chassis ECH-PE-CE2
	-H4A	-H7A	-H2B	-F2B	-F4A
EAD-CE-EC	○	×	○	○	×
EAD-CE-LPE	○	○	○	○	○

Restrictions

This product is used in a combination with the optional expansion chassis. The following restrictions apply to the situation when the expansion adapter is connected to the expansion chassis.

EAD-CE-EC 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 >

EAD-CE-EC uses the PCI-to-PCI Bridge to extend the bus by using the expansion chassis ECH-*-CE*-*.

The PCI boards plugged in PCI slots in the EAD-CE-EC are recognized if the PCI-to-PCI bridge is recognized by the BIOS in the PC used. Ask the PC vendor for whether the BIOS recognizes the PCI-to-PCI bridge.

< 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 of PCI bus connected to the EAD-CE-EC.

- Video display board (VGA board)
- Board to connect a PCI bus expansion chassis
- Board explicitly stated not to be used with the PCI-to-PCI Bridge

< Restrictions of PCI Express board >

None of the following types of boards can be used in any expansion slot in the expansion chassis of PCI Express bus connected to the EAD-CE-EC.

- The one that transmission rate of x1 or more is demanded(x16 etc)
- Board to connect a PCI bus expansion chassis

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