Cabled PCI Express
PCI Express bus slot Expansion Adapter
(Host PC)

EAD-CE-LPE

This product is a Low-Profile-size PCI bus expansion adapter (bundled with a 1m connection cable) that connects a PCI Express slot on a PC to a PCI bus expansion chassis.
The adapter operates on Windows Vista, XP, Server 2003, 2000.

* 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 PC via its PCI Express board.

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

- Support for both of Low Profile and standard size slots

Support for both of Low Profile and standard size slots (interchangeable with a bundled bracket).
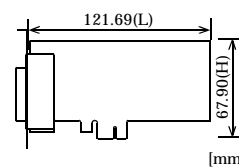
Hardware specification

Specification of BUS-AD1C-LPE

Item	Specification
Compatible bus	PCI Express Base Specification Rev. 1.0a x1
Outside dimensions (mm)	121.69(L) x 67.90(H)
Power consumption	3.3VDC 50mA (Max.)
Usable condition	0 - 50°C, 0 - 90%RH (No condensation)
Weight	40g

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

Specification of BUS-AD1C-LPE

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

Outside dimensions

121.69(L)
67.90(H)
[mm]

The standard outside dimension (L) is the distance from the end of the board to the outer surface of the slot cover.

Expansion chassis (Option)

PCI Bus Expansion Chassis
    (Short size, 2-Slots, BLACK)   :ECH-PCI-CE-H2B

Packing List

- Expansion adapter board [BUS-AD1C-LPE] …1
- Connection cable [CB-CE1] …1
- This User's Manual (this booklet) …1
- Standard size bracket …1

Restrictions

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

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>

This product use the PCI-to-PCI Bridge to extend the bus. The PCI boards plugged in PCI slots in this product 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.
- 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

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