

DATENBLATT

ECH(PCI)SF-F2B

HABEN SIE FRAGEN ODER WÜNSCHEN SIE EIN INDIVIDUELLES ANGEBOT?

Unser Team berät Sie gerne persönlich.

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ADRESSE

Am Sonnenlicht 5

D-82239 Alling bei München



StarFabric conformity PCI Bus Expansion Chassis
Long x 2Slots with AC adaptor
ECH(PCI)SF-F2B



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

Features

- Capable of adding up to 2 PCI bus (5V/32-bit, 33MHz) slots.
- Accepting long-size PCI bus boards.
- Power supply controllable in response to the turning on/off of the PC's power supply.
- Built-in cooling fan.
- Compact housing that enables a space-saving system to be constructed.
- Coming standard with the AC adaptor.

Expansion adapter (Option)

- PCI Bus Expansion Adapter for Low Profile PCI PC-Slot
: EAD(LPCI)SF
- PCI Bus Expansion Adapter for Low Profile PCI Express PC-Slot
: EAD-SF-LPE
- Check the CONTEC's Web site for more information on these expansion adapters.

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)SF							Expansion chassis ECH-PCI-SF2		
	-H2B	-F2B	-H4B	-F4B	H4A	H13A	-F13A	-H4A	-H7A	-F7A
EAD(CB)SF	○	○	○	○	○	×	×	○	×	×
EAD(LPCI)SF	○	○	○	○	○	○	○	○	○	○
EAD-SF-LPE	○	○	○	○	○	○	○	○	○	○

This product is an expansion chassis that adds PCI bus expansion slots to a PC by being connected to the PC via an optional expansion adapter [EAD SF Series].

The expansion adapter can connect the expansion chassis to the PC over a distance of up to 12m.

Specifications

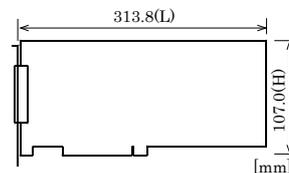
Specification

Item	ECH(PCI)SF-F2B	
Compatible bus	PCI Local Bus Specification Rev2.2 (+5V type)	
Address space	32-bit memory address, I/O address	
Interrupt level	INTA to INTD	
Bus operating clock	33MHz (Max)	
Number of user-available slots	2 slots (long size)	
Acceptable board sizes (mm)	313.8(L) x 107(H)	
Power supply		
Expansion slot supplied power (The output current must not exceed the value on the right)	+5VDC +3.3VDC +12VDC -12VDC	7A (Max) *2 3A (Max) *2 1.5A (Max) 0.3A (Max)
Maximum total power capacity	60W	
AC input line voltage *1	100 - 240VAC	
AC line frequency	47 - 63Hz	
AC power input current	2A(90VAC)	
Outside dimensions (mm)	71.0(W) x 144.0(H) x 360.0(L) (without rubber feet)	
Weight	1.6 kg	
Outside dimensions of AC adapter (mm)	85(W) x 50(H) x 155(L)	
Cable length of AC adapter	1.2m	
AC cable	1.8m with 2P ground	
Weight of AC adapter	0.9 kg	

*1 AC input line voltage range: 90-264VAC

*2 The sum of +5VDC and +3.3VDC must not exceed 35W.

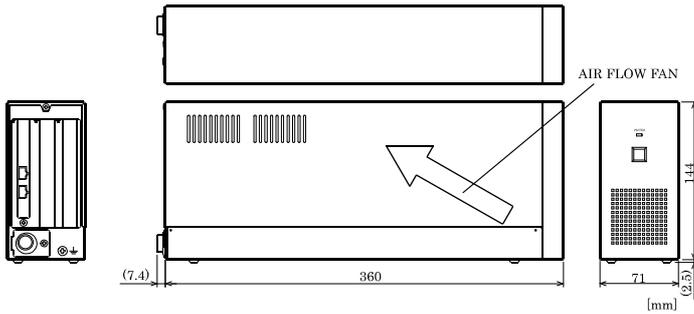
Outside dimensions of acceptable board (Max.)



Environmental specifications

Item	Specification
Operating temperature	0 - 50°C
Operating humidity	20 - 80%RH(No condensation)
Storage temperature	0 - 60°C
Storage humidity	10 - 90%RH(No condensation)
Floating dust particles	Not to be excessive
Corrosive gases	None
Standard	VCCI Class A, FCC Class A, CE Marking (EMC Directive Class A), RoHS Directive

Physical Dimensions



Packing List

Expansion chassis [ECH(PCI)SF-F2B] ...1

AC adapter ...1

Power cable ...1

First step guide ...1

Slot cover ...2

Board fixed screw ...2

Warranty Certificate ...1

Serial Number Label ...1

Restrictions

ECH(PCI)SF-H2B/F2B/H4B/F4B 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 >

ECH(PCI)SF-H2B/F2B/H4B/F4B uses the switch fabric to extend the bus. The PCI boards plugged in PCI slots in the ECH(PCI)SF-H2B/F2B/H4B/F4B are recognized if the switch fabric is recognized as the PCI-to-PCI bridge by the BIOS in the PC used. Ask the PC vendor for whether the BIOS recognizes the PCI-to-PCI bridge.

< Restriction on power interlocking >

Power interlocking does not work well if the PCI bus slots on your PC do not conform to PCI Local Bus Specification Rev. 2.2. Ask the PC vendor for whether the PCI bus slots conform to the specification.

When power interlocking is not needed, the expansion chassis can be used without it by changing the setting of the expansion bus adapter in the chassis. For details on setting up, refer to Chapter2, "Setup".

< 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 boards can be plugged into any expansion slot in the ECH(PCI)SF-H2B/F2B/H4B/F4B.

- Video display board (VGA board)
- Board to connect a PCI bus expansion unit
- 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