Expansion Unit / Bus Adapter

PCI Express

Low Profile

To be compliant

PCI Express Cable
Expansion Adapter (Host PC)
GEAD-CE-LPE
[EAD-CE-LPE]

NEW

- PCI bus (5V/32bit 33MHz) can be added using one PCI Express slot of the host PC
- Expansion chassis can be selected to meet the required number of PCI bus slot and size of add-on board
- The expansion chassis power supply can be turned on & off with the host PC power supply
- Both Low Profile and Standard PCI slots are supported by using the included bracket

Express Card

To be compliant

PCI Express Cable
Expansion Adapter (Host PC)
GEAD-CE-EC
[EAD-CE-EC]

NEW

- PCI bus (5V/32bit 33MHz) can be added using one Express Card slot of the host notebook PC
- Expansion chassis can be selected to meet the required number of PCI bus slot and size of add-on board
- The expansion chassis power supply can be turned on & off with the host PC power supply

PCI Express Cable
PCI bus expansion chassis
GECH-PCI-CE-H2B
[ECH-PCI-CE-H2B]

4 Slots | Short Size

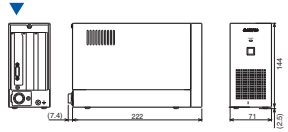
To be compliant

NEW

- 2 x PCI expansion slots
- Length accomodates short-size PCI add-on boards (5V/32bit)
- The chassis power supply can be turned on & off with the host PC power supply
- Equipped with a built-in cooling fan

■ Dimensions

GECH-PCI-CE-H2B



Model	EAD-CE-LPE	EAD-CE-EC
Bus type	PCI Express Base Specification Rev.1.0a ×1	ExpressCard Standard Release 1.1
Card slot	-	
Dimensions (mm)	121.69(L) × 67.90(H)	121.69(L) × 34(H)
Bus Operating Clock	-	
Power Consumption (Max.)	3.3VDC 50mA	3.3VDC 50mA
Operating Conditions	0~50°C, 10~90%RH (no condensation)	
Attached cable	CB-CE1 (cable length: 1m)	

Model	GECH-PCI-CE-H2B
Bus type	PCI Local Bus Specification Rev2.3 (+5Vtype)
Address Space	32bit memory address, I/O address
Interrupt level	INTA - INTD
Bus Clock	33MHz (Max.)
User slots	2 slots (short size)
Installable board (mm)	176.5(L) x 107(H)
Power supply capacity (Max.)	Must not exceed the value below +5VDC 7A (Max.) *1, +3.3VDC 3A (Max.) *1 +12VDC 1.5A (Max.), -12VDC 0.3A (Max.)
AC input voltage*1	100 - 240VAC
Overal maximum power supply capacity	60W
Dimensions(mm)	71.0(W) x 144.0(H) x 222.0(L) (without rubber feet)
Weight	1.2 kg
Weight of AC adapter	0.9 kg

*1 The sum of +5VDC and +3.3VDC must not exceed 35W.
*2 AC input line voltage range: 90 - 264VAC.

■Related Products of G series

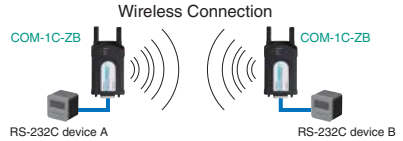
MODEL No.	Equivalent Model	Description
GEAD(CB)BE-N	EAD(CB)BE-N	Bus Slot Expansion Adapter for Card Bus slot
GEAD(LPCI)BE	EAD(LPCI)BE	Bus Slot Expansion Adapter for Low-profile PCI
GEAD-BE-LPE	EAD-BE-LPE	Bus Slot Expansion Adapter for Low-profile PCI Express
GECH(PCI)BE-F13A	ECH(PCI)BE-F13A	PCI Bus Chassi, 13x long size slots, on board power
GECH(PCI)BE-F2B	ECH(PCI)BE-F2B	PCI Bus Chassi, 2x short size slots, AC adapter
GECH(PCI)BE-F4B	ECH(PCI)BE-F4B	PCI Bus Chassi, 2x long size slots, AC adapter
GECH(PCI)BE-F7A	ECH(PCI)BE-F7A	PCI Bus Chassi, 7x long size slots, on board power
GECH(PCI)BE-H13A	ECH(PCI)BE-H13A	PCI Bus chassi, 13x half size slots
GECH(PCI)BE-H2B	ECH(PCI)BE-H2B	PCI Bus Chassi, 2x shot size slots, AC adapter
GECH(PCI)BE-H4B	ECH(PCI)BE-H4B	PCI Bus Chassi, 4x shot size slots, AC adapter
GECH(PCI)BE-H7A	ECH(PCI)BE-H7A	PCI Bus Chassi, 7x half size slots

Serial Communication

ZigBee-compliant [IEEE802.15.4] Wireless COM Adapter

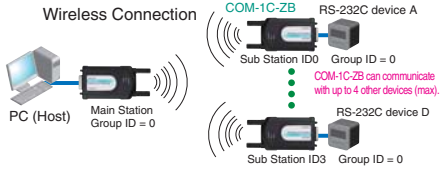
● Replace a Wired RS-232C Serial Connection - [Transparent Mode]

In this mode, data from connected devices is transferred as is, without any changes. You can replace serial cables with ZigBee-compliant wireless without changing communication software settings.



● Add an RS-232C Serial Port / 1-to-N Packet Communication- [Virtual COM Mode]

In this mode, the unit can be used as an RS-232C COM port when installed with the Virtual COM driver on the host PC. Once installed, it can communicate with up to four other devices. (1-to-N).



ZigBee-compliant Wireless COM Adapter
COM-1C-ZB

- Converts RS-232C serial communication to ZigBee-compliant short-distance wireless
- Two operating modes available: Transparent and Virtual COM modes
- Connects directly to the host PC
- AC power adapter is included
- Features onboard DIP switch and software utility for easy set-up

Windows Driver | AC Adapter

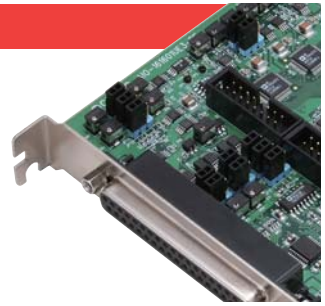
*Currently COM-1C-ZB is only available for use in Japan.

Model	COM-1C-ZB
Serial standard	
Interface type	RS-232C
Data Speed	1200 ~ 115,200bps *1
Connector	9-pin female D-type connector
Wireless LAN	
Interface type	IEEE802.15.1-compliant wireless
Channel	16ch (11~26)
Data Speed	250Kbps *1
Access Method	CSMA/CA
Wireless LAN category	Low-voltage Data Transmission System (2.4-2.4835GHz)
Aerial Power	1mW/MHz or less
Antenna	Built-in Chip Antenna
Power Supply	5VDC±5% (AC Adapter included)
Power Consumption (Max.)	60mA
Dimensions (mm)	78.3(L)×20.5(D)×36.5(H)
Weight	50g

*1: Represents unit's capability not actual transfer speed.

Analog I/O Calibration Services

CONTEC now offers calibration services for previously purchased analog I/O boards.
For more information or to arrange to have a board calibrated, please contact your local CONTEC distributor or sales office.



Now Available for FREE Download - ActiveX Express Edition

Development Support Tool for Measurement Programs [ActiveX component] ACX-PAC(W32)-Express Edition is now available for free download

Analog I/O
Digital I/O
Motion Control

ACX-PAC(W32)-Express Edition is a development support tool for measurement programs for use with CONTEC's measurement & control devices. When used in a development environment (i.e. Visual Basic) the ActiveX component (OCX) enables data collection and signal output by adding several lines of code.

ACX-PAC(W32)-Express Edition can be downloaded from: http://www.contec.com/acxpacee/

ACX-PAC(W32)-Express Edition is ideal for end-users with little programming experience. It provides basic and easy-to-use methods / events for device control from CONTEC's ACX-PAC(W32)-Commercial Edition. Commercial Edition Functions that are NOT available in the Express Edition include:

- Trigger and Interrupt functions are disabled
- DMA transfer is not supported
- Sampling using onboard or buffer memory in analog I/O is not supported
- Can only be used with devices that are set-up with the API-AIO(WDM) driver. Devices that use API-AIO(98/PC) or API-DIO(98/PC) are not supported.
- Screen display components (graphs, switches), calculation, File I/O and True Type Fonts are not included