CAN-IB400/PCI

Active CAN Interface for PCI

1-4 x CAN (High-/Low-Speed), LIN

With the CAN-IB400/PCI IXXAT offers an interface board based on a modern and highly modular concept.
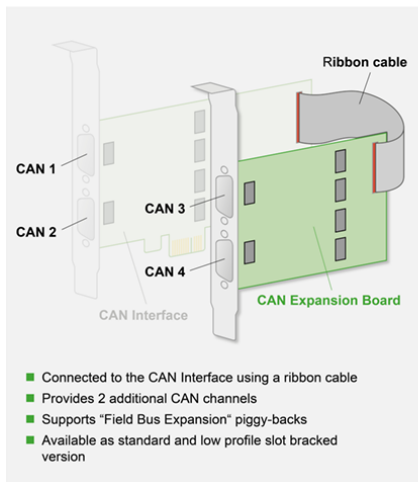
Features and benefits

- Active PCI board with 32 bit microcontroller
- Easy expandable via field bus expansion and expansion board
- Up to four CAN channels (High-/Low-Speed optional switchable)
- LIN optional
- Galvanic isolation of the CAN interface
- Uniform driver packages support all IXXAT CAN and CAN-FD interfaces and allow easy change of the PC interface type
- Powerful programming interface for Windows "VCI" as well as "ECI" for Linux, QNX, RTX, INtime and VxWorks
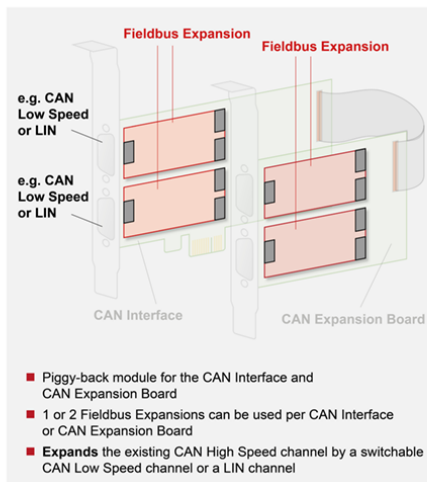
Technical specifications

PC bus interface	PCI (V2.2)
PC address range	Plug & Play
Interrupts	Plug & Play
CAN interface	1, 2 or 4 CAN interfaces; CAN 2.0 A/B; Sub-D9 plug according to CiA 303-1; Galvanic isolation (1 kV, 1 sec.) Optional: CAN Low-Speed (switchable via software between CAN High-Speed and Low-Speed)
Power supply	typ. 3.3 V DC, 100 mA / 5 V DC, 100 mA
Temperature range	0 ºC ... +70 ºC
Certification	CE, FCC
Size	Approx. 65 x 120 mm

CAN Expansion Board

- Connected to the CAN Interface using a ribbon cable
- Provides 2 additional CAN channels
- Supports "Field Bus Expansion" piggy-backs
- Available as standard and low profile slot bracked version

Fieldbus Expansion

- Piggy-back module for the CAN Interface and CAN Expansion Board
- 1 or 2 Fieldbus Expansions can be used per CAN Interface or CAN Expansion Board
- **Expands** the existing CAN High Speed channel by a switchable CAN Low Speed channel or a LIN channel

Multi CAN Expansion

- Piggy-back module for the CAN Interface (can not be used with the CAN Expansion Board)
- Provides two **additional** CAN channels

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