



Ixxat CAN-IB400/PCI

Item number: 1.01.0293.12001

The Ixxat CAN-IB400/PCI is an active PCI interface card with one CAN channel and galvanic isolation. It is an easy and cost-efficient way to connect computers to a CAN bus network. Based on a modular design, the card enables simple integration into diverse industrial setups, supporting various CAN applications.

PC interface card for CAN (1 x CAN), galv. isolated

Features and benefits

- ✓ **Active CAN interface card**
Fulfills even high requirements in data pre-processing, like precise on-board time-stamping and data filtering.
- ✓ **Cost-effective connectivity**
Offers a cost-effective solution, delivering high performance at an economical price. Ideal choice for demanding applications, without having to compromise on quality.
- ✓ **PCI interface**
PCI (V2.2) plug&play interface supports high-speed data transmission, ideal for demanding industrial applications.
- ✓ **Use in industrial and standard PCs**
PC board with slot plate for fixed installation in desktop or industrial PCs, providing reliable connectivity.
- ✓ **Standard slot bracket**
Standard slot bracket size ensures compatibility with a wide range of PC systems.
- ✓ **Installation of multiple cards**
Integration of multiple cards in one PC allows easy channel extension, making it suitable even for demanding settings like test benches and manufacturing plants.
- ✓ **Modular architecture for easy expansion**
Modern and modular concept enables easy extension with customer specific interfaces via expansion boards and piggyback modules.
- ✓ **Expandable LIN and low-speed CAN channel**
Supports expansion boards for additional low-speed CAN or LIN channel – switchable through software (CAN).
- ✓ **Overvoltage protection**
Galvanic isolation safeguards against overvoltage and protects from potential electrical damage.
- ✓ **Comprehensive driver compatibility**
Ixxat VCI driver packages support multiple fieldbuses and allow easy switching between different PC interface types. Available as free download.
- ✓ **Powerful programming interface**
Ixxat offers versatile programming interfaces for Windows (VCI), Linux (ECI) and real-time OS (on request), enabling flexible development across multiple operating systems.
- ✓ **Analysis software included**
Ixxat canAnalyser3 Mini is included in the VCI V4 download package and enables first steps in analyzing and monitoring CAN networks.



| General | |
|---|---|
| Net Width (mm) | 64 |
| Net Height (mm) | 120 |
| Net Weight (g) | 180 |
| Packed Width (mm) | 13 |
| Packed Height (mm) | 5 |
| Packed Depth (mm) | 17 |
| Packed Weight (g) | 185 |
| Operating Temperature °C Min | 0 |
| Operating Temperature °C Max | 70 |
| Storage Temperature °C Min | -40 |
| Storage Temperature °C Max | 85 |
| Relative Humidity | 10 to 95 %, no condensation |
| Current Consumption Type Value at Vcc Nom (mA) | 100 mA (3.3 VDC), 100 mA (5 V DC) |
| Input Voltage (V) | 3.3/5 V DC via PCI socket |
| Isolation | 1 kV DC for 1 sec. |
| Content of Delivery | PC interface card, user manual, available as free download: CAN driver VCI, simple CAN monitor "canAnalyser Mini" |
| Not Included (in delivery) | Comprehensive and powerful driver and software packages are available as free download |
| Mounting | PCI |
| Packaging Material | Cardboard |



General

Warranty (years) 1

Identification and Status

Product ID 1.01.0293.12001

Country of Origin Germany

HS Code 8517620000

Export Control Classification Number (ECCN) EAR99

Physical Features

Connectors / Input / Output 1 x D-Sub 9 connector, 1 x PCI (V2.2)

CAN Features

CAN Mode CAN high-speed (ISO 11898-2), via optional expansion: CAN low-speed (ISO 11898-3)

CAN Transceiver TLE6250GV33

CAN Controller CAN 2.0 A/B

CAN Baud Rate CAN high-speed: 10 kBit/s to 1 Mbit/s, via optional expansion: CAN low-speed: 10 kBit/s to 125 kBit/s

LIN Features

LIN Mode via optional expansion: LIN (ISO 9141), LIN VBAT 8-48 V DC for product version 3.0 and newer, LIN VBAT 8-18 V DC for product version 2.0 and older

LIN Baud Rate via optional expansion: 10 kBit/s to 25 kBit/s

Certifications and Standards

ETIM Classification EC000515

WEEE Category IT and telecommunications equipment