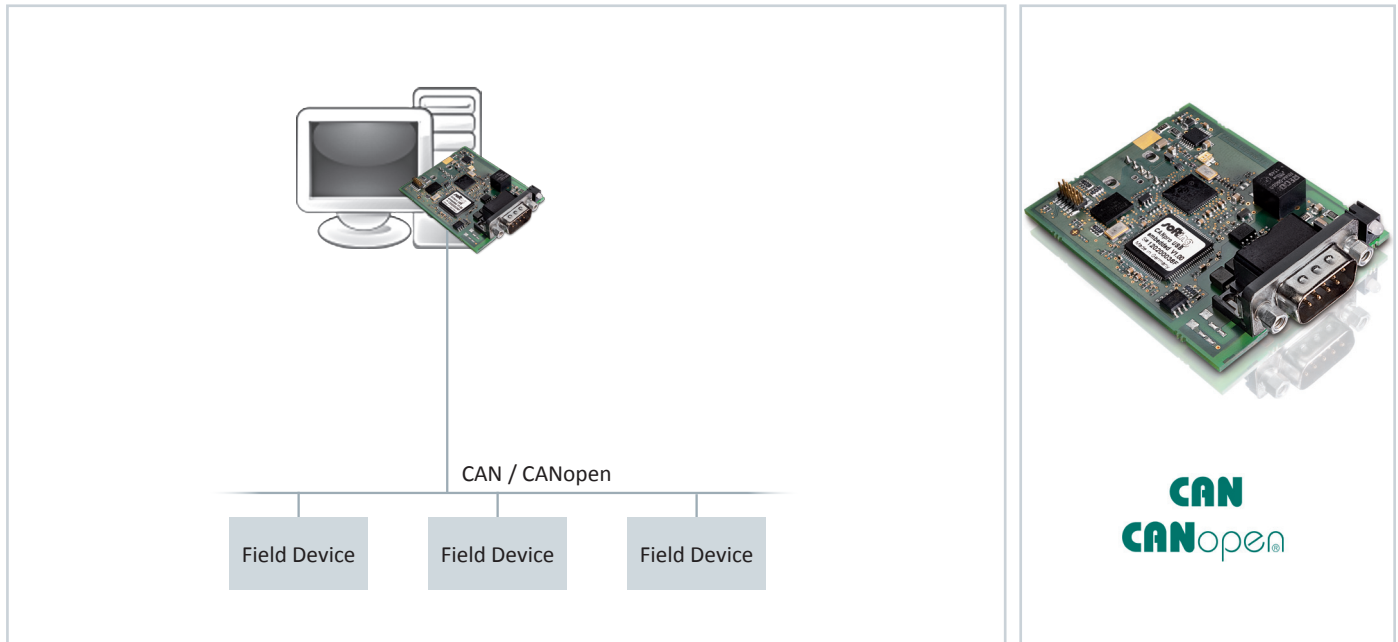


CANpro USB embedded

Very Fast CAN Interface for Integration into Industrial PCs

The compact CANpro USB embedded without housing provides an easy-to-integrate solution of a powerful CAN interface for Industrial PCs. The interface uses the USB 2.0 Highspeed standard and provides very short response times, facilitating a wide variety of CAN and CANopen applications.



CAN Interface for Direct Integration via Mainboard USB Connection

- Easy CAN interface integration
- Space-saving and easy-to-handle solution
- Connection to internal USB connector
- Fixed to PC housing through on-board D-Sub connector
- No expansion slot on main board and no specific interface required
- No power supply or housing required

High Data Throughput Resulting in Short Response Time

- USB 2.0 High Speed standard
- One of the fastest CAN interfaces available on the market
- High data throughput and very short response times of 100 μ s to 500 μ s
- Suitable for running wide variety of applications, including time-critical ones

Comprehensive Application Programming Interface

- Comprehensive API, supporting both CAN and CANopen protocols
- Different operating modes for handling of individual CAN messages
- APIs based on C and .NET
- Interface adjustable according to special requirements for series use, including hardware adaptations

Technical Data

CAN Protocol and Available APIs	CAN V2.0 (11/29 Bit IDs) CAN API CANopen Client API
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Bus Connection

Connector	9 pin D-Sub male
Galvanically Isolated	Yes
Physical Layer	ISO 11898-2 (CAN High Speed)

PC Interface USB 2.0 High Speed, 480 Mbit/s, internal USB connection

Operating Temperature -20 °C ... +70 °C

Storage Temperature -20 °C ... +70 °C

Relative Humidity < 90 %, non-condensing

Dimensions 71 mm x 51 mm x 17 mm

Power Supply

Supply Voltage 5 VDC (±5 %) via USB connector

Current Consumption Typically 200 mA

Drivers Available for Windows XP, Windows 7, Windows 8, Windows 10, Linux

Conformity



Scope of Delivery

Hardware CANpro USB embedded, internal USB cable

Software Drivers, APIs, sample programs on CD-ROM

Documentation Manual on CD-ROM

Order Numbers

BUL-OO-011810 CANpro USB embedded

optimize!
softing

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