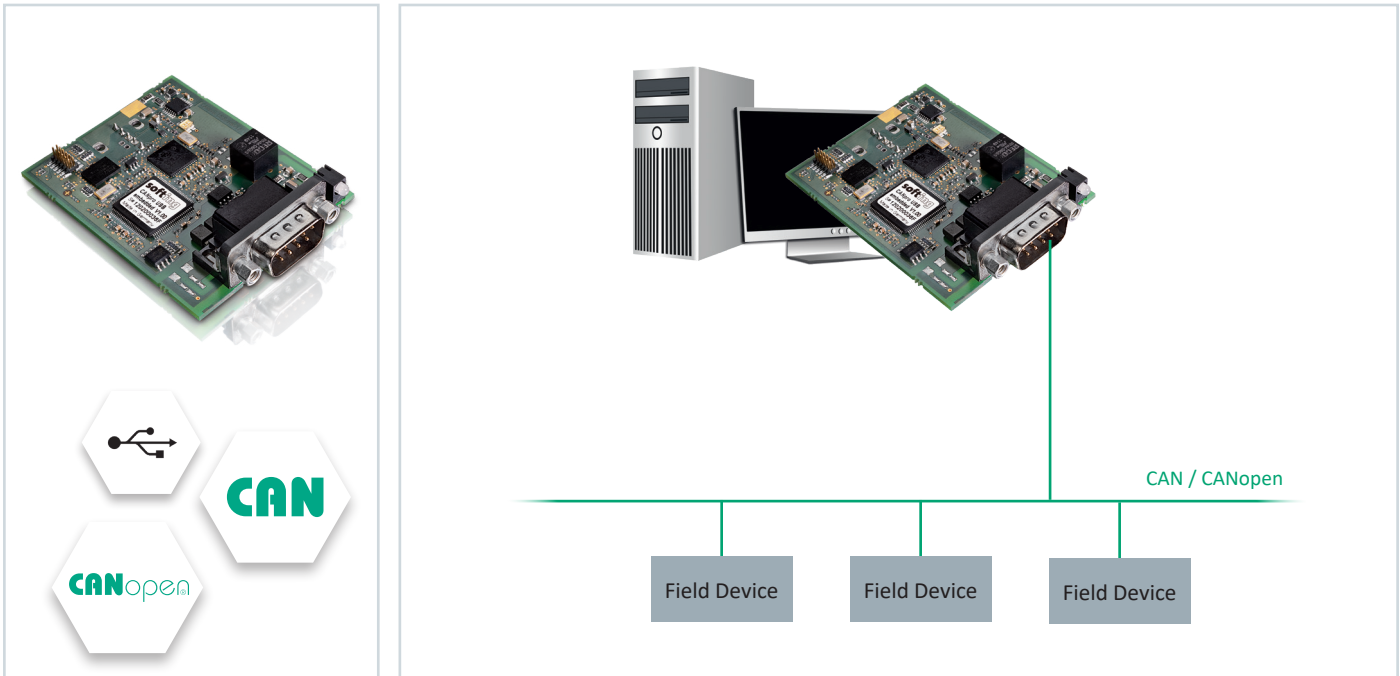


CANpro USB embedded

Very Fast CAN Interface for Integration into Industrial PCs

- Easy-to-integrate solution of a powerful CAN interface for Industrial PCs
- Top performing and fast access to CAN / CANopen networks
- Suitable for a wide range 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 µs to 500 µs
- 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

CANpro USB embedded

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
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Operating Temperature	-20 °C ... +70 °C
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Storage Temperature	-20 °C ... +70 °C
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Relative Humidity	< 90 %, non-condensing
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Dimensions	71 mm x 51 mm x 17 mm
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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
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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-00-011810	CANpro USB embedded
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