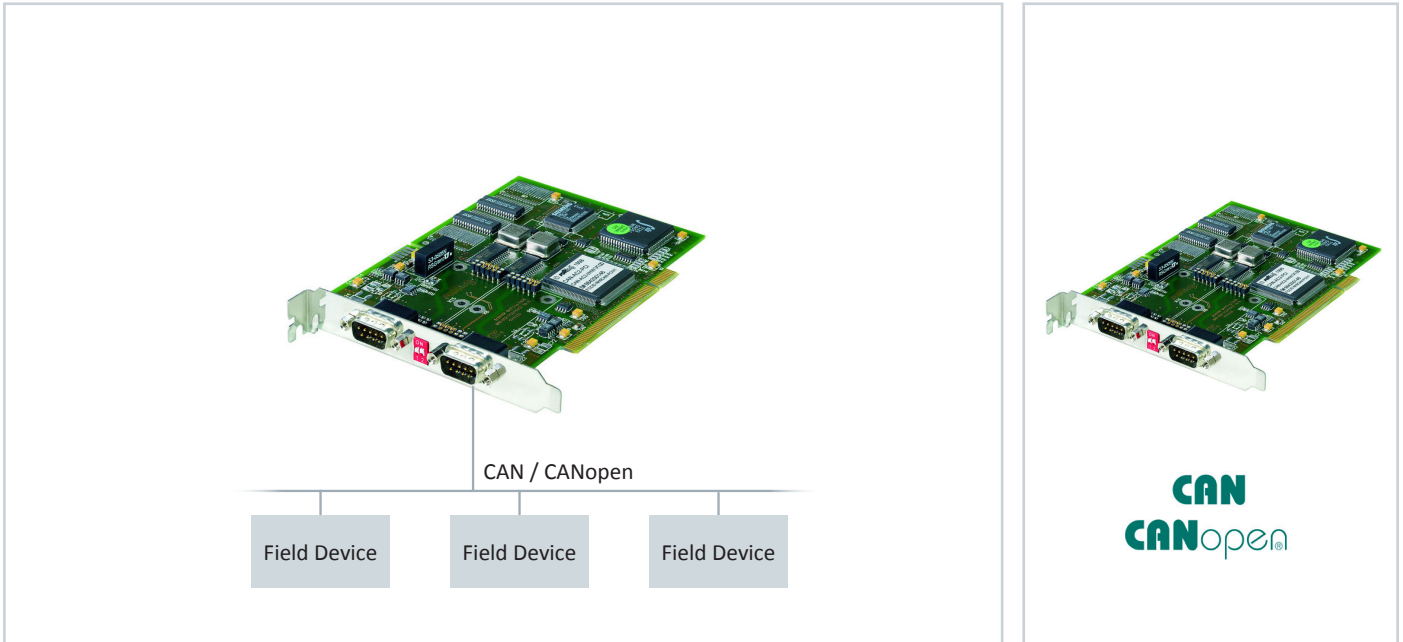


CAN-AC PCI

Universal PCI Boards with On-Board Microcontroller

Single and dual channel interface boards in PCI format for use in CAN and CANopen networks.



Flexible Interface for Industrial and Embedded PCs

- Data exchange between PC applications and connected CAN bus
- Available in single and dual channel versions
- Universal solution matching almost any CAN application
- Use, for instance, in machine controllers, PC-based applications, test rigs or real-time simulations
- Integration in Mathworks xPC Target




Rapid Integration with right Software Interface

- Flexible API including FIFO storage buffering all sent and received messages, separately for each channel
- No data loss when computer working on other tasks
- Filtering and buffering of messages of interest
- Automatic transmission of data to bus in exact, individually configurable cycles
- Free CANopen Client API available for use in CANopen networks

Application in a Wide Variety of Target Systems

- Use in Windows operating systems
- Linux driver
- Sample projects for C, C# or VB.NET with commented source code

Technical Data

	Single Channel	Dual Channel
CAN Protocol and Available APIs		
CAN V2.0 (11/29 Bit IDs)	•	•
CAN API	•	•
CANopen Client API	•	•
CAN Bus Connection		
Connector	9-pin D-sub male	
No. of Channels	1	2
Galvanically Isolated	•	•
Physical Layer	ISO 11898-2 (CAN High Speed)	
PC Interface	PCI Rev. 2.1, 4 KB DPRAM	
Interrupts	Plug-and-play	
Operating Temperature	0 °C ... +70 °C	
Storage Temperature	-20 °C ... +70 °C	
Relative Humidity	< 90 %, non-condensing	
Dimensions	160 mm x 100 mm	
Power supply		
Supply voltage	5 VDC (±5 %)	
Current consumption	Typically 380 mA	Typically 410 mA
Drivers available for	Windows XP, Windows 7, Windows 8, Windows 10, Linux	
Conformity	  	

Scope of Delivery

Hardware	PC interface board
Software	Drivers, APIs, sample programs on CD-ROM
Documentation	On CD-ROM

Order Numbers

Single Channel	Dual Channel
CAN-AC1-PCI	CAN-AC2-PCI

optimize!
softing

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