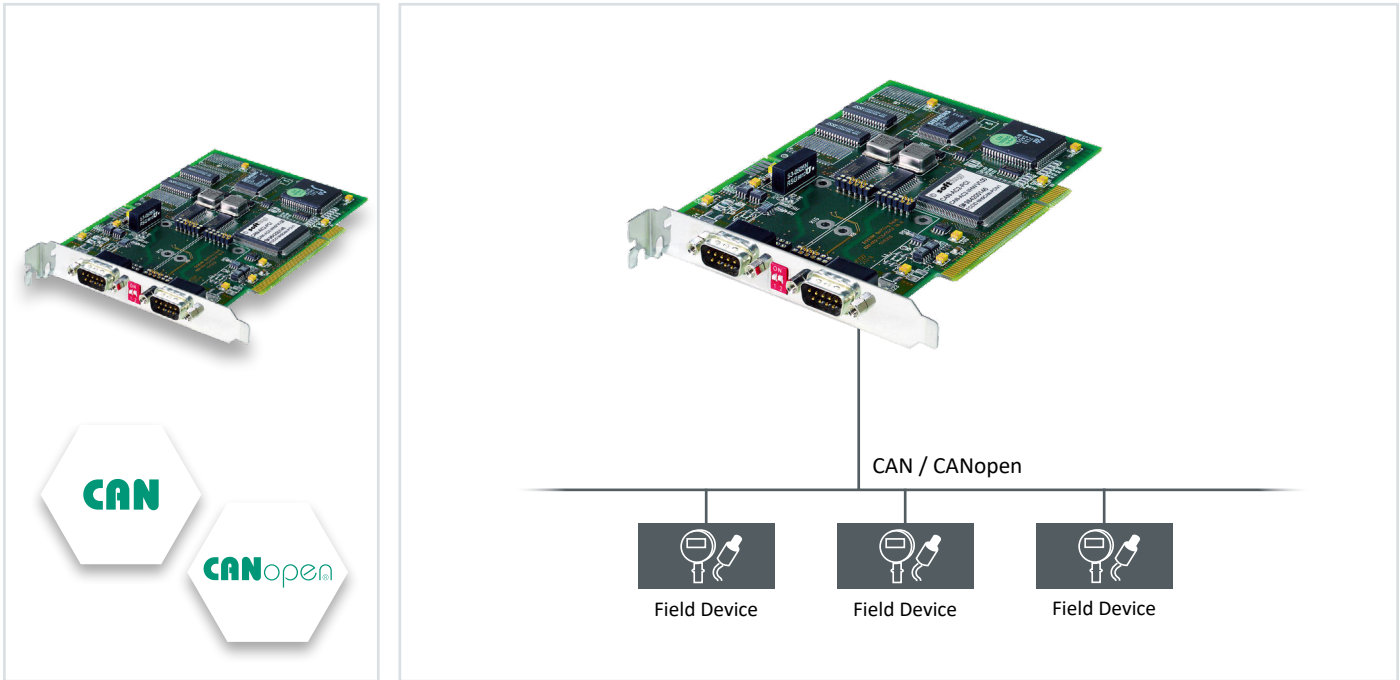


# CAN-AC PCI

Universal PCI Express 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

## 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

## 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

# CAN-AC PCI

## Technical Data

	Single Channel	Dual Channel
<b>CAN Protocol and Available APIs</b>		
CAN V2.0 (11/29 Bit IDs)	•	•
CAN API	•	•
CANopen Client API	•	•
<b>CAN Bus Connection</b>		
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
<b>Power supply</b>		
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	<a href="#">Download from the Softing website</a> : Drivers, APIs, sample programs
Documentation	<a href="#">Download from the Softing website</a>

## Order Numbers

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

Your local Softing contact:

<http://industrial.softing.com>

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