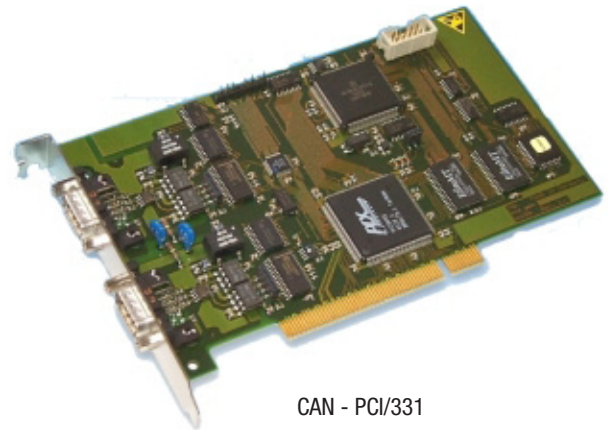




# CAN - PCI/331

## Intelligent PCI - CAN Interface

- Interface from PC to one or two independent CAN nets
- Microcontroller 68331
- CAN controller SJA1000, CAN 2.0A/B
- Software examples for DOS and Windows 3.11 in source code
- Software drivers available for many operating systems
- CANopen master-slave object license available
- Also available for DeviceNet (DN-PCI/331)



CAN - PCI/331

## Powerful CAN Interfaces for PCs

The module CAN-PCI/331 is a PC board designed for the PCI bus using a microcontroller 68331 to manage local CAN data that is stored in a local SRAM, and guaranteeing security and consistency of data for up to 1 Mbit/s.

## CAN Interface

The ISO11898 compliant CAN interfaces allow a data transfer rate of 1 Mbit/s with the ability to set the baud rate with software. The CAN interface is opto-isolated from the other potentials.

## Software Support

The board ships with software examples for DOS and Windows

For further information please visit  
<http://www.esd-electronics-usa.com/CAN PCI Interfaces.html>

3.11 in source code; software drivers are available for Windows, Linux, VxWorks, LynxOS, QNX, SGI-IRIX6.5, AIX and Solaris. Drivers for other operating systems are available as well. The firmware can be loaded from the PC into the Flash EPROM.

## CAN Protocols and Real-time Operating System

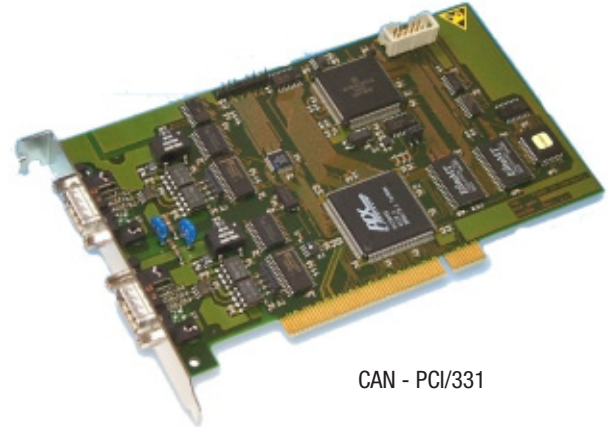
Software packages for CAL, CANopen or DeviceNet are available for Windows NT, Windows 95/98 or UNIX systems.

growing with the  
challenge

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CAN - PCI/331

### Technical Specifications

#### PC Interface & Microcontroller

PCI bridge	PLX PCI90502
Microcontroller	68331
Memory equipped	128 k x 16 bits SRAM 128 k x 8 bits Flash EPROM

#### CAN Bus:

CAN controller	SJA1000, CAN 2.0A/B
CAN interface:	Differential, opto-isolated, 1 Mbit/s ISO11898, opt. DeviceNet

#### General:

Temperature	0...50o
Humidity	Max 90%, non-condensing
Supply voltage	5 VDC
Connectors:	CAN: 9-pole DSUB (male) DeviceNet-option: 5-pole connector

<http://www.esd-electronics-usa.com/CAN PCI Interfaces.html>

### Order information:

Designation		order no.
CAN-PCI/331-1	1x CAN, ISO11898	C.2020.02
CAN-PCI/331-2	2x CAN, ISO11898	C.2020.04
DN-PCI/331-1	1x DeviceNet	C.2017.02
DN-PCI/331-2	2x DeviceNet	C.2017.04
<b>Options:</b>		
CAN-DRV-LCD	License for Windows & Linux (CD-ROM)	C.1101.02
CAN-PCI/331-RTX	License for Windows RTX	C.2020.35
CAN-PCI/331-Vx	License for Vx-Works	C.2020.55
CAN-PCI/331-QNX	License for QNX4	C.2020.32
CAN-PCI/331-Lynx	License for LynxOS	C.2020.31
CAN-PCI/331-AIX	License for AIZ	C.2020.28
CAN-PCI/331-Co	CANopen master/slave License	C.2020.12
DN-PCI/331-NT	Windows NT Driver	C.2017.11



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