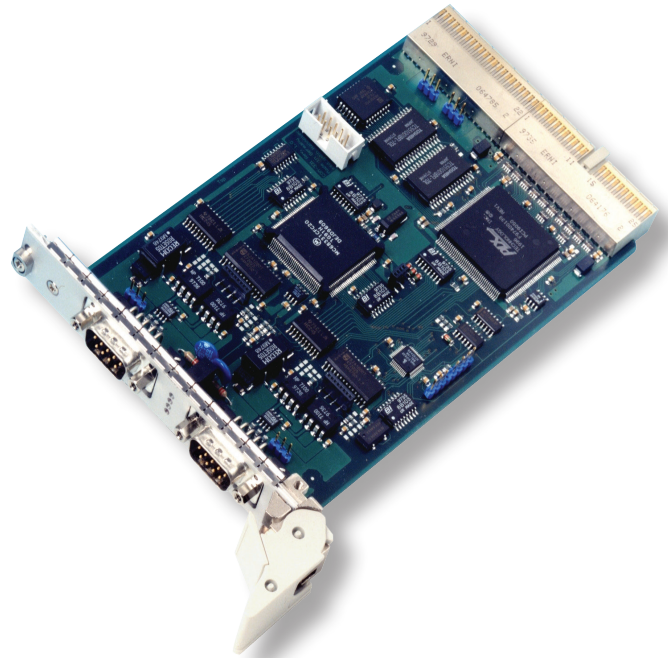




CPCI-CAN/331

Intelligent CompactPCI-CAN-Interface

- Interface from CompactPCI to one or two independent CAN nets
- 3 HE board with microcontroller 68331 on board
- Fast PCI access with 32 bit
- Extended temperature option.



For further information please visit
http://www.esd-electronics-usa.com/CAN_CompactPCI_interface_CPCI-CAN/331_One_CAN_Channel.html

Powerful CAN Interface for Compact PCI Systems

The module CPCI-CAN/331 is a CompactPCI board in euro format using a 68331 microcontroller that cares for the local CAN data management. The CAN data is stored in the local SRAM with security and consistency guaranteed up to 1 Mbit/s.

CAN Interface

The fully ISO 11898 compliant CAN interface allows a data transfer rate of 1 Mbit/s and is electrically isolated by optocouplers and DC/DC converters.

Software Support

There are drivers available for Windows NT/200/XP, Windows 95/98/ME (realized as VxD), VxWorks, QNX4, Linux, and Solaris operating systems. The firmware is loaded from the PC into the Flash EPROM.

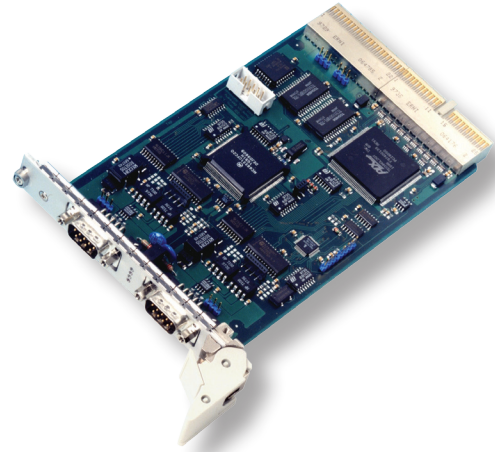
CAN Protocols

Software packages for CANopen or DeviceNet are available for Windows, UNIX, and real-time operating systems like VxWorks and LynxOS.

growing with the
challenge

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Technical Specifications

CompactPCI Interface and Microcontroller	
PCI bridge	PCI9050
Microcontroller	68331
Memory equipped	128 K x 16 bits SRAM
	128 k x 8 bits Flash EPROM
CAN	
CAN controller	SJA1000, CAN 2.0A/B
CAN interface	Differential, opto-isolated, 1 Mbit/s, ISO11898, option DeviceNet
General	
Ambient temperature	0...50° C
Humidity	Max. 90%, non-condensing
Supply voltage	5 VDC
Connectors	CAN - 9-pole DSUB (male)
	DeviceNet - 5-pole connector

Order Information

Designation		order no.
CPCI-CAN/331-1B	1x CAN 2.0A/B, ISO11898	C.2027.02
CPCI-CAN/331-2B	2x CAN 2.0A/B, ISO11898	C.2027.04
CPCI-CAN/331-1D	1x DeviceNet	C.2019.02
CPCI-CAN/331-2D	2x DeviceNet	C.2019.04
Options:		
CAN-DRV-LCD	Object license CD ROM for Windows & Linux	C.1101.02
CPCI-CAN/331-VxW	VxWorks object license	C.2027.55
CPCI-CAN/331-QNX	QNX4 object license	C.2027.56
CPCI-CAN/331-Lynx	LynxOS object license	C.2027.57
CPCI-CAN/331-Co	CANopen master/slave object license	C.2027.12
CPCI-CAN/331-FP6	6HE front panel	C.2027.30
CPCI-CAN/331-ME	Hardware manual	C.2027.21
CAN-API-ME	CAN-API software manual	C.2001.21
CAL/CANopen-ME	CANopen software manual	C.2002.21

