



CAN-PCle/200

PCI Express® CAN Interface (Layer 2, CANopen® or J1939)

1 or 2 Channel low-cost CAN Interface for PCs

- Passive high-speed CAN interfaces according to ISO 11898-2, electrically isolated
- PCIe® interface according to PCI Express Specification R1.0a
- Software drivers for Windows® and Linux® included free of charge

Real-time OS Support and Higher Layer Protocols CANopen and J1939

- Software drivers for QNX®, RTX, VxWorks® and On Time RTOS-32
- CANopen® and J1939 protocols available

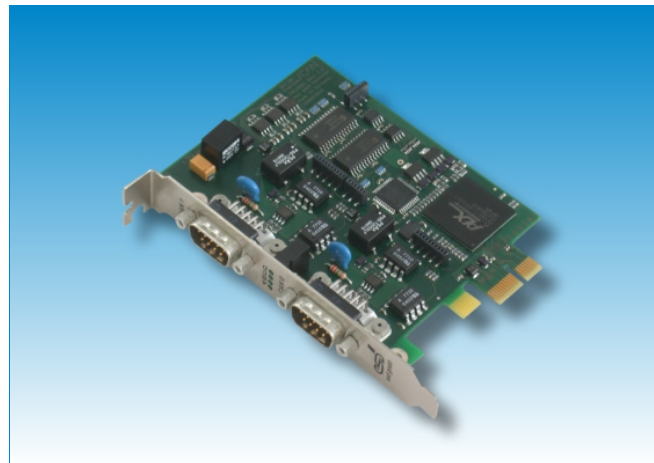
Full Compatibility with Applications written for esd's NTCAN-API

Powerful CAN Interface for PCs

The CAN-PCle/200 is a PC board designed for the PCI Express bus that features one (CAN-PCle/200-1) or two (CAN-PCle/200-2) CAN High-Speed interfaces according to ISO 11898-2.

Software Support

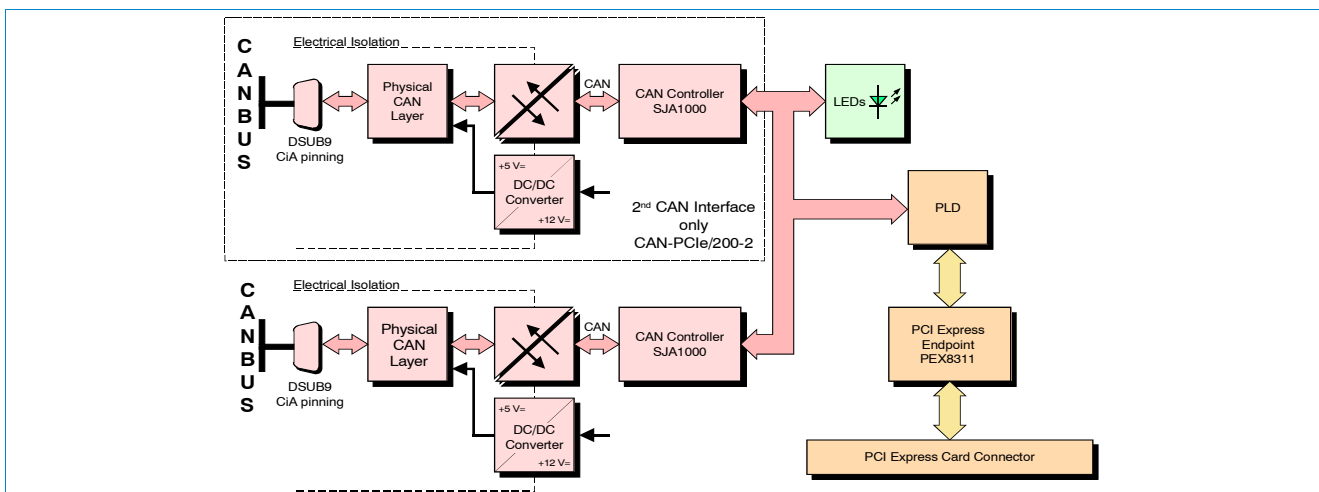
CAN layer 2 (NTCAN-API) software drivers are available for Windows, Linux, RTX and RTX64, VxWorks, QNX, and OnTime RTOS-32.



Libraries for the higher layer protocols CANopen and J1939 are available.

Additional free-of-charge esd CAN tools for Windows are downloadable from our website. The tools offer efficient setup and analysis of CAN applications and networks.

(This product is in life cycle stage end-of-life.)



Technical Specifications:

PCI Express interface:	
PCIe endpoint	PEX8311
PCIe-port	According to PCI Express Specification R1.0a
Link width	x1
CAN:	
CAN controller	SJA1000, ISO11898-1 (CAN2.0)
CAN interface	Differential, electrically isolated, ISO11898-2 (1 Mbit/s)
General:	
Ambient temperature	0 °C ... +50 °C
Relative humidity	Max. 90 % (non-condensing)
Supply voltage	3.3 VDC / 200 mA (typ.) and +12 VDC / 80 mA (typ.)
Add-in-card-size	Height: 111.15 mm (standard) Length: 80 mm
Weight	Approx. 85 g
Connectors	CAN: 9-pole DSUB (male)
LEDs	4 status LEDs

Order Information:

Hardware	Order No.
CAN-PCle/200-1	1x CAN, ISO11898-1, -2 C.2042.02
CAN-PCle/200-2	2x CAN, ISO11898-1, -2 C.2042.04

Software Support

CAN layer 2 drivers for Windows and Linux are included in delivery.	
Real-time OS CAN layer 2 object licences including CD-ROM ¹ :	
CAN-DRV-LCD QNX	C.1101.32
CAN-DRV-LCD RTX	C.1101.35
CAN-DRV LCD VxWorks	C.1101.55
CAN-DRV LCD OnTime-RTOS-32	C.1101.45
CANopen object licences including CD-ROM ¹ :	
CANopen-LCD Windows/Linux	C.1101.06
CANopen-LCD QNX	C.1101.17
CANopen-LCD RTX	C.1101.16
CANopen-LCD VxWorks	C.1101.18
J1939 Stack object licences including CD-ROM ¹ :	
J1939 Stack for Windows	C.1130.10
J1939 Stack for Linux	C.1130.11
J1939 Stack for RTX	C.1130.12

¹ For detailed information about driver availability for your operating system please contact our sales team.