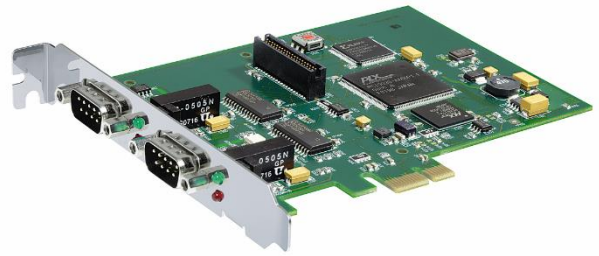


# CAN-PCIeL

## Passive CAN/ CANopen Interface for PCIeexpress Expansion Slots

# CAN



### PRODUCT DESCRIPTION

PCIe x1 based passive CAN card with up to 4x independent CAN/CANopen interfaces.

### FEATURES

#### Host Interface

- PCIe x1 (r 1.0a) specification
- Plug and Play interface

#### External Interface

- 2x CAN 2.0 b interfaces with SJA1000 CAN controller
- 11 bit ID and 29 bit ID CAN specifications supported
- 9-pin D-SUB connector for each CAN interface at PCI bracket
- On-board line termination 120  $\Omega$ ; enabled by jumper or software
- ISO/DIS 11898-2
- 2 x diagnostic LEDs (green/red) per channel
- (only CAN channel 1 and 2)

#### Environment

- Power requirements:
  - 3.3 V (+- 5%), max. 450 mA
  - 12 V (+-5%), max. 150 mA (2 channel)
- Operating temperature range 0...70 °C
- Non-operating temperature range -40 °C...85 °C
- Humidity 0...80 %, non-condensing
- Dimensions (w x d) 131 x 87 mm
- Weight approx. 100 g

#### Software

- Supported Operating Systems: Windows, Linux, QNX, VxWorks

#### Options

- Isolated CAN, 500 V isolation barrier
- 128 kB nvSRAM (no battery)
- Expansion connector for CAN-PCIx/EXTO
- Additional PCIe bracket with transceiver cable for 2 additional CAN interfaces (2 x DSUB-9)