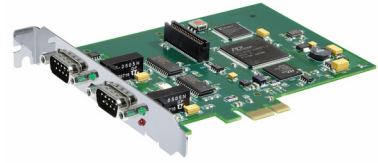


# CAN

## CAN-PCIeL

Passive CAN/ CANopen  
 Interface for PCIe Express  
 Expansion Slots



## FEATURES

### PCI Interface

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

### CAN / CANopen

- Non-intelligent and low cost CAN controller
- Up to 4 CAN 2.0 b interfaces with SJA1000 CAN controllers
- 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)
- Additionally an extension module enables the user to add two more CAN ports to the PCIeL (additional PCI bracket is needed to connect the two D-SUB)

### Physical

- Power requirements
  - 3.3 V ( $\pm 5\%$ ), max. 450 mA
  - 12 V ( $\pm 5\%$ ), 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

### Options

- Isolated CAN, 500 V isolation barrier
- 128 kB nvSRAM (no Battery)
- Expansion connector for CAN-PCIx/EXTO

### Supported Operating Systems

- Windows, Windows CE, Linux, QNX, VxWorks,