

# CAN-PCI/266

## Passive 66 MHz-PCI-CAN-Interface

### Powerful CAN Interface for PCs

The module CAN-PCI/266 is a low cost PC board designed for 66 MHz PCI bus systems. It uses a PCI bus width of 32 bits. The module can also be used in 33 MHz PCI bus systems at a bus speed of 33 MHz.

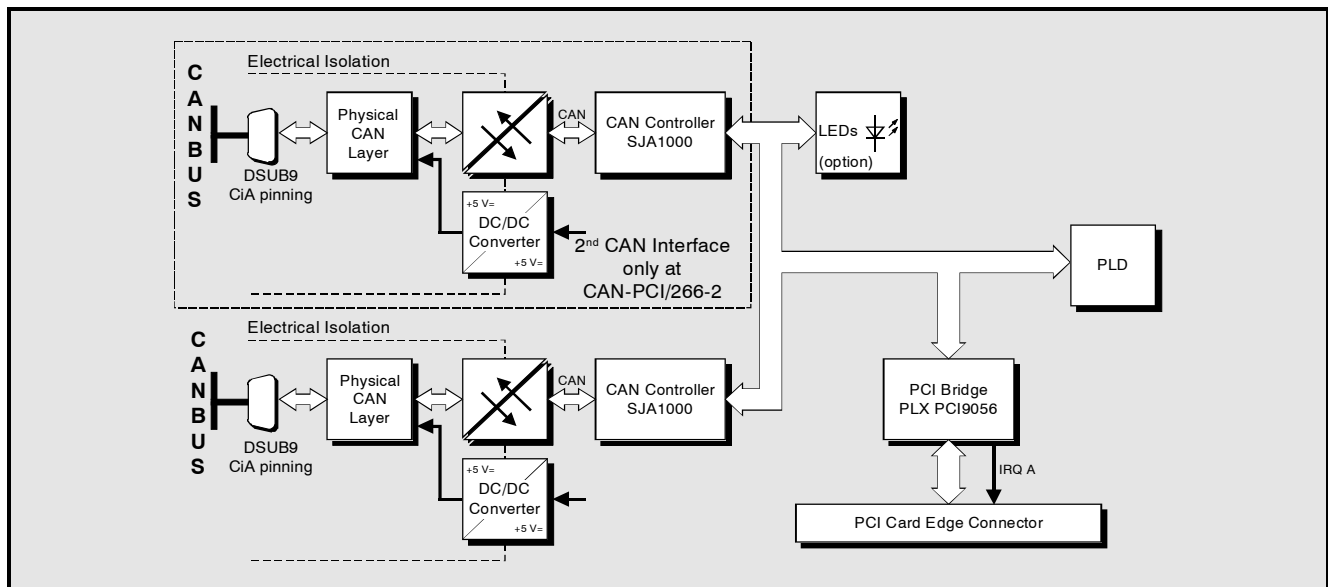
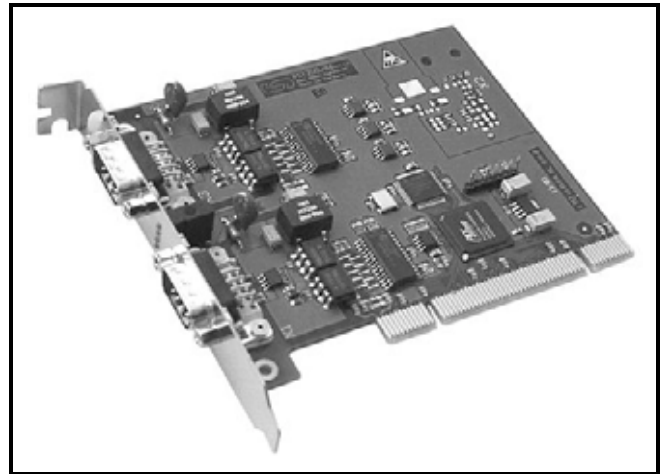
### CAN Interface

The ISO 11898 compliant CAN interfaces allow a data transfer rate of 1 Mbit/s. Among many other features, the bit rate can be set by software. The CAN interface is electrically isolated from the other potentials.

### Software Support

Software drivers are available for Windows, Linux and QNX. Drivers for other operating systems are available as well.

Please note: The maximum effective CAN bit rate value may be limited by the performance of the host CPU, because this is a passive CAN module without a microcontroller on board.



### Technical Specifications:

|                       |  |
|-----------------------|--|
| <b>PCI interface:</b> |  |
| PCI bridge:           | PLX PCI9056  |
| Specification:        | PCI 2.2  |
| Bus speed:            | 66 Mhz at 3.3 V signal voltage or<br>33 Mhz at 3,3 or 5.0 V signal voltage   |
| <b>CAN:</b>           |  |
| CAN controller:       | SJA1000, CAN 2.0A/B  |
| CAN interface:        | differential, electrically isolated, 1 Mbit/s,<br>ISO11898, option DeviceNet |
| <b>General:</b>       |  |
| Temperature:          | 0...50 °C  |
| Humidity:             | max. 90 %, non-condensing  |
| Supply voltage:       | 3.3 VDC and 5 VDC  |
| Connectors:           | CAN: 9-pole DSUB (male)  |
| LEDs:                 | 4 status LEDs  |

|                           |  |                  |
|---------------------------|--|------------------|
| <b>Order information:</b> |  |                  |
| <b>Designation</b>        |  | <b>order no.</b> |
| CAN-PCI/266-1             | 1x CAN 2.0A/B, ISO11898                              | C.2036.02        |
| CAN-PCI/266-2             | 2x CAN 2.0A/B, ISO11898                              | C.2036.04        |
| CAN-DRV-LCD               | Object licence for Windows<br>and Linux incl. CD-ROM | C.1101.02        |
| CAN-PCI/266-Vx            | VxWorks object licence                               | C.2036.55        |
| CAN-PCI/266-ME            | Hardware manual                                      | C.2036.21        |
| CAN-API-ME                | CAN-API software manual                              | C.2001.21        |