CAN-PCI/266
Passive 66 MHz-PCI-CAN-Interface

- Low cost PC to CAN interface
- 1x or 2x CAN
- Works at 66 MHz PCI and 33 MHz PCI

- CAN controller SJA1000, ISO 11898-1
- PCI bus according to PCI Local Bus Specification 2.2
- Bit rate up to 1 Mbit/s
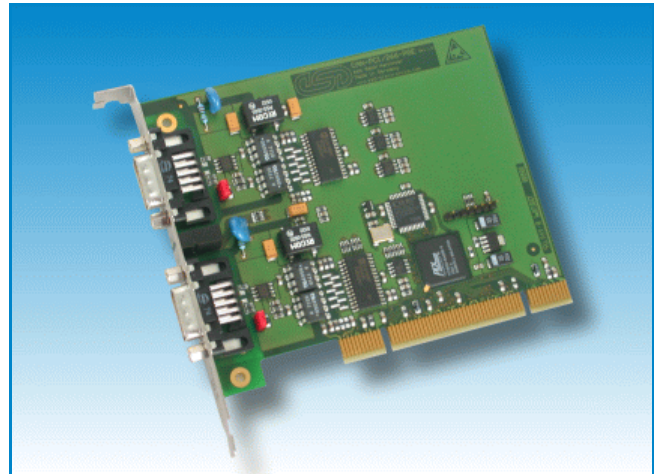
Powerful Interface for PCs
The module CAN-PCI/266 is a low cost PC board designed for 66 MHz PCI bus systems. It uses a PCI bus width of 32 bits. The module can also be used in 33 MHz PCI bus systems at a bus speed of 33 MHz.
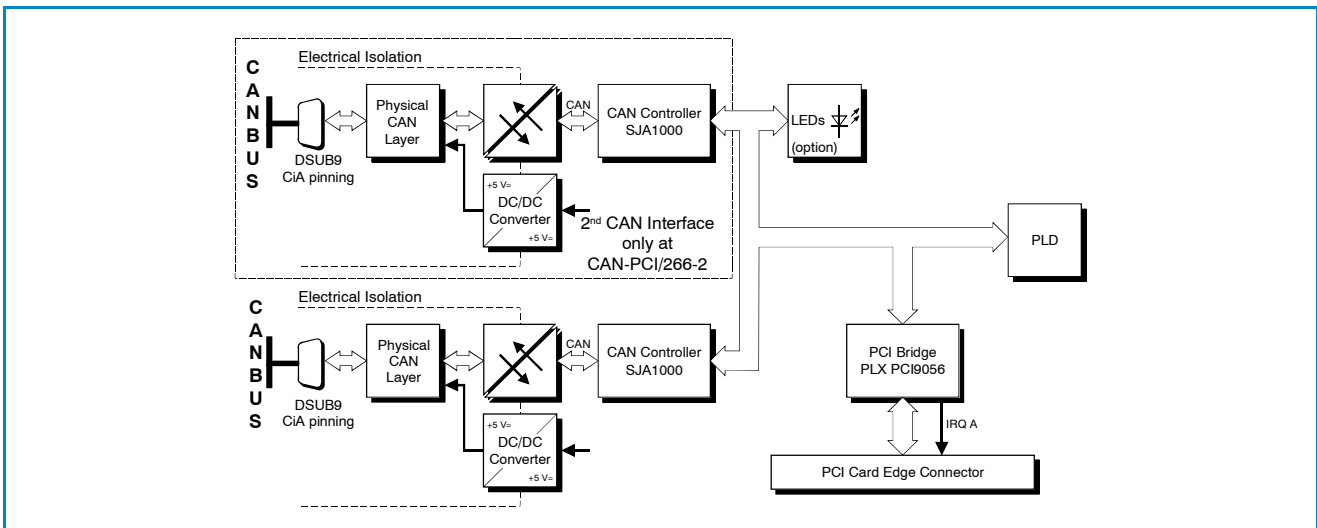
CAN Interface
The ISO 11898 compliant CAN interfaces allow a data transfer rate of 1 Mbit/s. Among many other features, the bit rate can be set by software. The CAN interface is electrically isolated from the other potentials.

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:

PCI Interface:

PCI bridge	PLX PCI9056
Host bus	PCI bus acc. to PCI Local Bus Specification 2.2
Bus speed	66 Mhz at 3.3 V signal voltage or 33 Mhz at 3,3 or 5.0 V signal voltage

CAN:

CAN controller	SJA1000, CAN 2.0A/B
CAN interface	differential, electrically isolated, 1 Mbit/s, ISO11898, option DeviceNet

CAN:

Ambient temperature	0 ˚C ...+50 ˚C
Relative humidity	max. 90 %, non-condensing
Supply voltage	3.3 VDC and 5 VDC
Connectors	CAN: 9-pole DSUB (male)
LEDs	4 status LEDs

Order information:

Hardware		order no.
CAN-PCI/266-2	2x CAN, ISO11898	C.2036.04
CAN-PCI/266-1	1x CAN, ISO11898	C.2036.02

CAN layer 2 drivers for Windows and Linux are included in delivery.

Software Support

Additional CAN layer 2 object licences including CD-ROM[1]:

CAN-DRV-LCD QNX	C.1101.32
CAN-DRV-LCD VxWorks	C.1101.55
CAN-DRV-LCD RTX	C.1101.35

CANopen object licences including CD-ROM[1]:

CANopen-LCD Windows/Linux	C.1101.06
CANopen-LCD QNX	C.1101.17
CANopen-LCD VxWorks	C.1101.18
CANopen-LCD RTX	C.1101.16

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