

# CPCI-CAN/360

## High Performance CPCI-CAN-Interface

- interface from PC to one or two independent CAN nets
- 3 HE board with high end microcontroller 68360 on board

### Powerful CAN Interfaces for PCs

The module CPCI-CAN/360 is a CompactPCI board in euro format. It uses a 68360 microcontroller which cares for the local CAN data management. The CAN data is stored in the local SRAM. Security and consistency of data is guaranteed up to 1 Mbit/s.

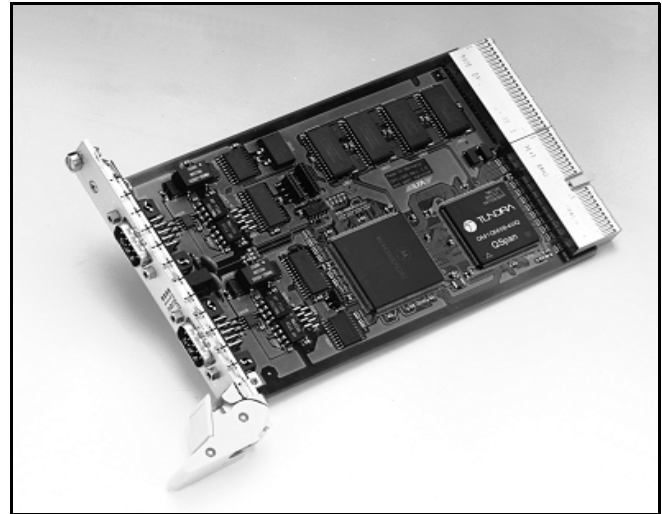
### CAN Interface

The ISO 11898 compliant CAN interface allows a data transfer rate of 1 Mbit/s. The CAN interface is electrically isolated from the other potentials by optocouplers and DC/DC converters.

### Software Support

The board is shipped with software examples in source code for DOS and Windows 3.11. Moreover, software drivers are available for Windows and Linux.

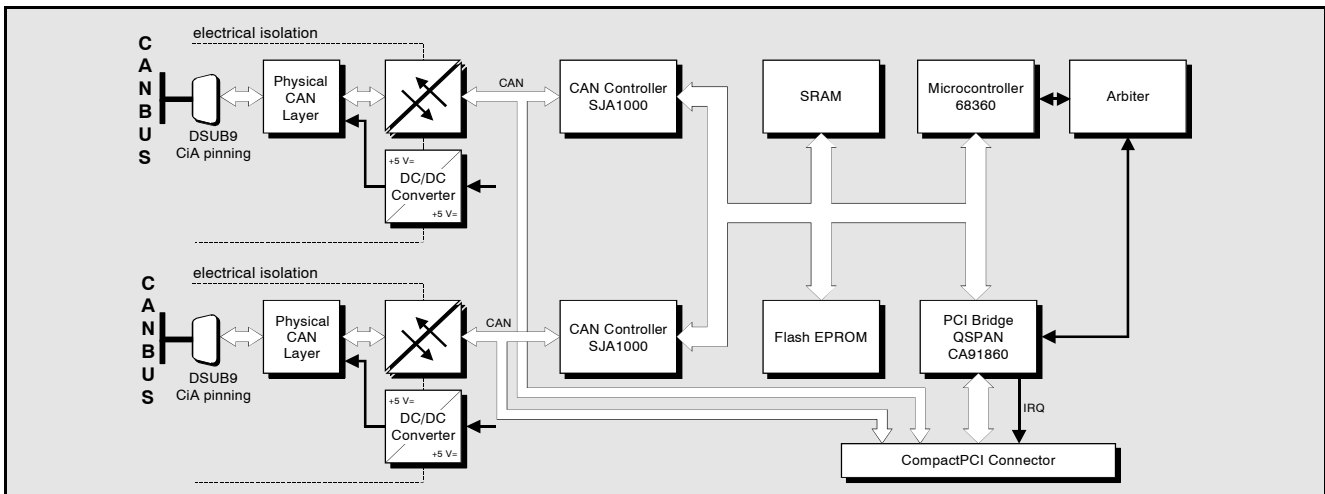
The Windows 95/98 driver is realized as VxD. Drivers for other operating systems are available as well. The firmware can be loaded from the PC into the Flash EPROM.



### CAN Protocols

Software packages for CANopen are available for Windows NT, Windows 95/98, UNIX systems and real-time operating systems (VxWorks, pSOS, QNX, LynxOS, e.a.)

(This product is not recommended for new designs.)



### Technical Specifications:

#### CompactPCI interface and microcontroller:

PCI bridge:	QSPAN CA91860
Microcontroller:	68360, 25 MHz, 32 bit
Memory equipped:	128 k x 32 bit Fast SRAM, 1M x 8 bit Flash EPROM

#### CAN:

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

#### General:

Ambient temperature:	0...50 /C Option: -40 /C ...+85 /C
Humidity:	max. 90 %, non-condensing
Connectors:	CAN: 9-pole DSUB (male)

#### Order information:

Designation		order no.
CPCI-CAN/360-2	2x CAN, 0 ... 50/C	C.2026.02
Options:		
CAN-DRV-LCD	Object licence for Windows and Linux incl. CD-ROM	C.1101.02
CPCI-CAN/360-Co	CANopen master/slave object licence	C.2026.12
CPCI-CAN/360-ME	Hardware manual	C.2026.21
CAN-API-ME	Software manual CAN-API	C.2001.21
CANopen-ME	CANopen manual	C.2002.21