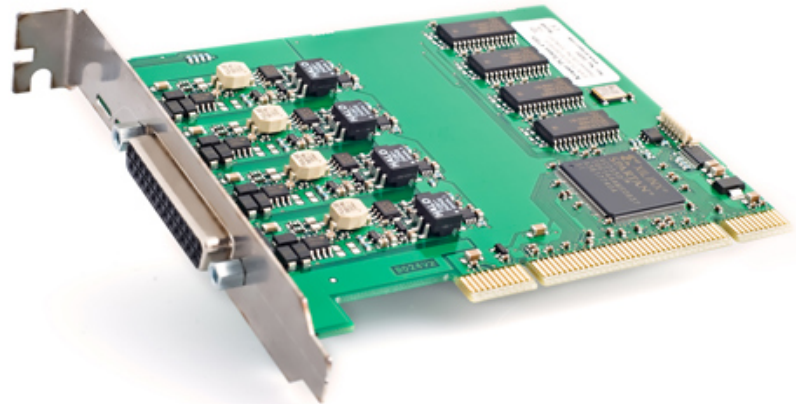


## Kvaser PClcanx 4xHS



Kvaser PClcanx is a high speed CAN interface for the PCI-X and PCI bus. It features Galvanic Isolation for protection against voltage spikes.

Kvaser PClcanx product family is a family of CAN/PCI interface boards and comprises three members: Kvaser PClcanx 4xHS, PClcanx HS/HS and PClcanx HS. The Kvaser PClcanx boards fits in both PCI-X and PCI bus systems. Galvanically isolated CAN bus drivers to protect the hardware.

### Hardware

- Compliant with PCI 2.3
- The board fits in both 3.3V PCI-X and 3.3V and 5V PCI busses
- Completely compatible with our PClcan boards.
- Dimensions 140 x 100 mm (approx. 5.5 x 4 in.)
- I/O mapped
- Quick and easy plug-and-play installation
- SJA1000 CAN Controllers from Philips, with 64-byte receive FIFO
- Supports CAN 2.0 A and 2.0 B (active)
- High-speed ISO 11898 compliant driver circuits
- Interfaces the CAN bus with DSUB CAN connectors
- Pin assignment according to CiA-DS102
- 16 MHz CAN oscillator frequency
- Galvanic isolation between the CAN-controller and the CAN-driver
- Wide temperature range, -40 C - +85 C



## Technical Data

### Kvaser PCICanx 4xHS

|                               |                  |
|-------------------------------|------------------|
| Galvanic Isolation            | Yes              |
| Bitrate                       | 0-1000 kbit/s    |
| Silent mode                   | Yes              |
| Error frame generation        | No               |
| Error frame detection         | Yes              |
| Weight                        | 100g             |
| Timestamp resolution          | 0 s              |
| On board buffer               | No               |
| Maximum message rate, send    | 18000            |
| Maximum message rate, receive | 14000            |
| Sound                         | No               |
| Clock synchronization         | N/A              |
| Dimensions (WxLxH)            | 120x100x20mm     |
| Temperature range             | -40 C to +85 C   |
| Order number                  | 73-30130-00330-9 |

The information herein is subject to change without notice

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