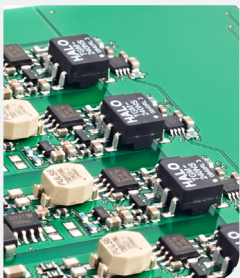
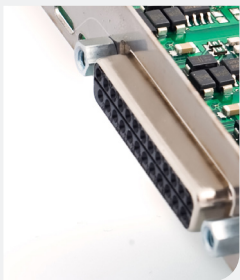
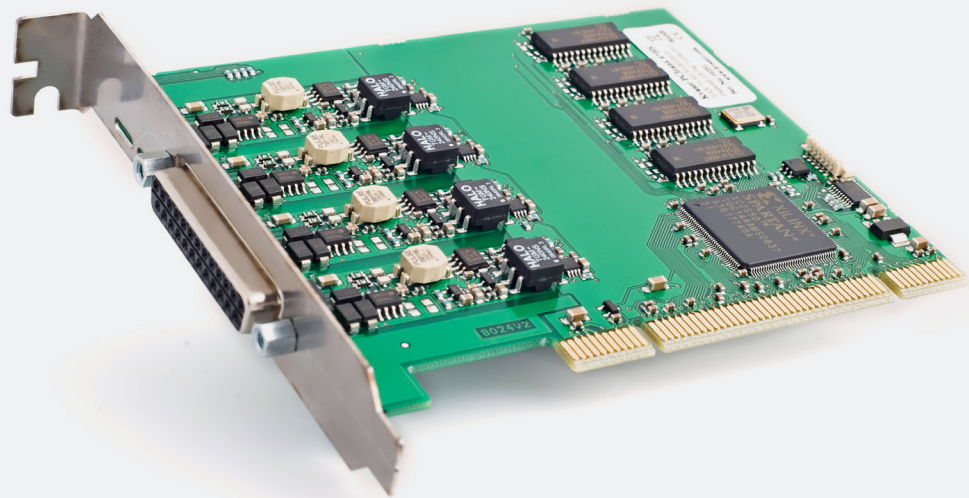






Learn more about  
this product



## Your Gateway to Efficient Connectivity

Kvaser PCIEcan 1xCAN v3 is a small, yet advanced, real time CAN interface that handles transmission and reception of standard and extended CAN messages on the bus with a high timestamp precision. The Kvaser PCIEcan 1xCAN v3 is compatible with applications that use Kvaser's CANlib.

 **Warranty**  
2-Year warranty. See our general conditions and policies for details.

 **Support**  
Free support for all products by contacting support@kvaser.com

 **EAN**  
73-30130-00330-9

## Major Features

- Quick and easy plug-and-play installation.
- High-speed ISO 11898 compliant driver circuits.
- Compliant with PCI 2.3.
- The board fits in 3.3V PCI-X, and 3.3 V and 5V PCI busses.
- Compatible with our PCICan boards.
- I/O mapped for quick reaction times.
- SJA1000 CAN Controllers from Philips, with 64-byte receive FIFO.
- Supports CAN 2.0 A and 2.0 B (active).
- Pin assignment according to CiA-DS102.
- 16 MHz CAN oscillator frequency.
- Galvanic isolation between the CANcontroller and the CAN-driver.
- Interfaces the CAN bus with D-SUB CAN connectors.
- Wide temperature range, -40 to +85 °C.
- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet. Higher layer protocol translation handled by the user's application. For software support please see our Technical Associates products and our Software Download page ([www.kvaser.com](http://www.kvaser.com)).

## Support

Documentation, Kvaser SDK and drivers can be downloaded for free at [www.kvaser.com/downloads](http://www.kvaser.com/downloads).

Kvaser SDK is a free resource that includes everything you need to develop software for the Kvaser CAN interfaces. Includes full documentation and many program samples, written in C, C++, C#, Delphi, Visual Basic, Python and t programming language.

Kvaser CAN hardware is built around the same common software API. Applications developed using one device type will run without modification on other device types.



## Technical Data

<b>Certificates</b>	CE, RoHS
<b>Channels</b>	4
<b>Connectors</b>	D-SUB 25
<b>Current Consumption</b>	PCICanx 4xHS: max 400mA @ 5V
<b>Dimensions</b>	Full height, 121 x 98 mm
<b>Error Counters Reading</b>	Yes
<b>Error Frame Generation</b>	No
<b>Galvanic Isolation</b>	Yes
<b>Interfaces</b>	CAN, PCI
<b>Messages Per Second Receive</b>	14000 mps
<b>Messages Per Second Sending</b>	18000 mps
<b>Operating Systems</b>	Linux, Windows <sup>1</sup>
<b>Silent Mode</b>	Yes
<b>Temperature Range</b>	-40 to +85 °C
<b>Weight</b>	95 g

<sup>1</sup> Windows XP, Vista, 7, 8, 10 (IA-32 and x86-64)  
Windows 11 (x86-64)