



## Kvaser PCIEcan 2xCAN v3

EAN: 73-30130-01432-9

Kvaser PCIEcan 2xCAN v3 is a small, yet advanced, CAN multi-channel 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 2xCAN 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](mailto:support@kvaser.com).

## Major Features

- Supports CAN FD, up to 8 Mbit/s (with correct physical layer implementation).
- Quick and easy plug-and-play installation.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Compatible with applications written for other Kvaser CAN hardware with Kvaser CANlib.
- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit/s.
- Designed to be compatible with J1939, CANopen, NMEA 2000® and DeviceNet. Higher Layer protocol stacks are not included.
- Supports simultaneous usage of multiple Kvaser interfaces.
- Low profile board, includes low and high profile brackets.
- Includes 2 channel breakout cable.

## Software

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

Kvaser CANlib 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>Bus Interface</b>               | PCIe x1                    |
| <b>CAN Bit Rate</b>                | 20 kbit/s to 1 Mbit/s      |
| <b>CAN Channels</b>                | 2                          |
| <b>CAN FD</b>                      | Yes                        |
| <b>CAN Transceivers</b>            | MCP2561FD                  |
| <b>Certifications</b>              | CE, RoHS                   |
| <b>Connector</b>                   | DSUB 9                     |
| <b>Dimensions</b>                  | Low profile,<br>86 x 69 mm |
| <b>Error Frame Detection</b>       | Yes                        |
| <b>Error Frame Generation</b>      | Yes                        |
| <b>Galvanic Isolation</b>          | Yes                        |
| <b>Operating Systems</b>           | Windows, Linux             |
| <b>Operating Temperature Range</b> | -40 °C to +85 °C           |
| <b>Power Consumption</b>           | 700-1000 mW                |
| <b>Silent Mode</b>                 | Yes                        |
| <b>Timestamp Resolution</b>        | 1 µs                       |
| <b>Weight with cable</b>           | 129 g                      |