# Kvaser PCIEcan 2xCAN v3

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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.

## 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.

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

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