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# Kvaser PCIEcan 1xCAN v3

EAN: 73-30130-01433-6

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 CANIib.

**Warranty** 2-year warranty. See our General Conditions and Policies for details.

### Support

Free support for all products by contacting 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<sup>®</sup> 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.

### Software

Documentation, Kvaser CANlib SDK and drivers can be downloaded for free at www.kvaser.com/downloads.

Kvaser CANIib 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

Bus Interface	PCle x1
CAN Bit Rate	20 kbit/s to 1 Mbit/s
CAN Channels	1
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	700-850 mW
Silent Mode	Yes
Timestamp Resolution	1 μs
Weight	48 g



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