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 CANlib.

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

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

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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.

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

Bus Interface	PCIe 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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