KVASER
Advancing connectivity

Kvaser USBcan Pro 5xCAN

Learn more about this product

Your Gateway to Efficient Connectivity

Kvaser USBcan Pro 5xCAN is a small, yet advanced, portable multi channel CAN to USB real time interface that handles transmission and reception of Classic CAN and CAN FD messages on the CAN bus with a high timestamp precision. The Kvaser USBcan Pro 5xCAN 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

- USB CAN interface with Kvaser *t* programmability.
- Supports CAN FD, up to 8 Mbit/s.
- Quick and easy plug-and-play installation.
- Power is taken from the USB port, or from the USB port together with the CAN connector. External power is recommended when using all 5 channels simultaneously.
- 100% compatible with applications written for other Kvaser CAN hardware with Kvaser CANlib.
- Kvaser MagiSync – automatic time synchronization.
- Supports silent mode for analysis tools – listen to the bus without interfering.
- Supports simultaneous usage of multiple Kvaser interfaces.
- Support for SocketCAN.
- Includes 5 channel breakout cable.
- 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).

Support

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

CAN Bit Rate	20 kbit/s to 1 Mbit/s
CAN Channels	5
CAN Connector	26-pin HD D-SUB
CAN Controller	Kvaser CAN IP in FPGA
CAN FD Bit Rate	Up to 8 Mbit/s
CAN Transceivers	Compliant with ISO 11898-2
Dimensions	68 x 170 x 23 mm (for body incl. strain relief)
Error Frame Detection	Yes
Error Frame Generation	Yes
Galvanic Isolation	Yes
IP Rating Housing	IP40
Kvaser MagiSync	Yes
Kvaser *t* programming	Yes
Max Message Rate	20000 msg/s per channel
Operating Systems	Linux, Windows [1]
Operating Temperature Range	-40 to +85 °C
Optional External Power	9-40 V
Power Consumption	2.5 W
Timestamp resolution	1 µs
Weight	150 g (320 g including HD26-5DS9 Splitter)

[1] Windows 7, 8, 10 (IA-32 and x86-64)
Windows 11 (x86-64)

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