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Advancing connectivity

Kvaser USBcan Pro 2xHS v2

Learn more about this product









Your Gateway to Efficient Connectivity

The USBcan Pro 2xHS v2 is a USB to dual-channel CAN or CAN FD interface with scripting capability. With a standard USB connector and two high-speed CAN channels with ISO 11898-2 compliant CAN transceivers in two separate 9-pin D-SUB CAN connectors, it is high-performance, yet compact, and can be used as a simple dual-channel interface to connect two high speed CAN buses to a PC or mobile computer, or can be programmed to do more.

The Pro version is shipped with Kvaser TRX, a lightweight development environment that lowers the bar when starting out programming the device.

Warranty
2-Year warranty. See our general conditions and policies for details.

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

EAN
73-30130-00752-9

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Major Features

- Supports CAN FD.
- Quick and easy plug-and-play installation.
- Supports both 11-bit (CAN 2.0A) and bit (CAN 2.0B active) identifiers.
- Power is taken from the USB bus.
- Galvanic isolation.
- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit/s.
- Kvaser MagiSync provides automatic time synchronization between several PC-to-bus interfaces connected to the same PC.
- Programming functionality to support interface mode e.g. optimize protocol handling, pre-filter CAN messages directly on the interface or simulate missing hardware.
- Simultaneous operation of multiple devices.
- 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 SDK and drivers can be downloaded for free at www.kvaser.com/downloads.

Kvaser 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 script 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	20-1000 kbps
CAN Channels	2
CAN Connectors	DSUB 9
CAN FD Bit Rate	Up to 8 Mbit/s
Dimensions	50 x 170 x 20 mm for body incl. strain relief
Error Frame Detection	Yes
Error Frame Generation	Yes
Galvanic Isolation	Yes
Host interface	USB Hi-Speed
Messages Per Second Receive	20000 mps
Messages Per Second Sending	20000 mps
Operative Systems	Linux, Windows [1]
Power Consumption	250 mA at 5V
Regulatory Compliance	CE, FCC
Silent Mode	Yes
Temperature Range	-40 to +85 °C
Timestamp	1 µs
Weight	158 g

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

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