KVASER
Advancing connectivity

Kvaser USBcan Pro 4xHS

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Your Gateway to Efficient Connectivity

The Kvaser USBcan Pro 4xHS is an advanced, portable multi-channel CAN to USB real time interface that handles transmission and reception of standard and extended CAN messages on the CAN bus with a high timestamp precision. Features include *t* script and MagiSync™, which makes it possible to synchronise timestamps across multiple Kvaser MagiSync™-enabled devices without requiring extra wires.

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

- Multi-channel USB CAN interface with Kvaser *t*-script.
- 20 000 msg/s per channel, each timestamped with a resolution of 1 µs.
- Kvaser MagiSync™ – automatic time synchronization.
- Supports CAN FD, up to 8 Mbit/s (with correct physical layer implementation).
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Supports silent mode for analysis tools – listen to the bus without interfering.
- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit/s.
- Simultaneous operation of multiple devices.
- Power is taken from the USB bus.
- Includes a 4-channel breakout cable HD-26 to 4xDB-9
- 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 kbp/s
CAN Channels	4
CAN FD	Yes
CAN FD Bit Rate	Up to 8 Mbit/s
Connector	HD-26
Dimensions	50 x 170 x 20 mm incl. strain relief
Error Frame Detection	Yes
Error Frame Generation	Yes
Galvanic Isolation	Yes
Host interface	USB Hi-Speed
IP Rating Housing	IP40
Kvaser *t*-script	Yes
Operating Systems	Linux, Windows [1]
Power consumption	370 mA at 5 V
Regulatory Compliance	CE, FCC
Silent Mode	Yes
Temperature Range	-40 to +85 °C
Timestamp Resolution	1 µs
Weight	145 g (287 g with HD26-4xDS9 splitter cable)

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

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