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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](mailto:support@kvaser.com)

 **EAN**  
73-30130-01261-5

## Major Features

- Multi-channel USB CAN interface with Kvaser *t*-script.
- 20 000 msg/s per channel, each timestamped with a resolution of 1  $\mu$ s.
- 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](http://www.kvaser.com)).

## Support

Documentation, Kvaser SDK and drivers can be downloaded for free at [www.kvaser.com/downloads](http://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

<b>CAN Bit Rate</b>	40-1000 kbp/s
<b>CAN Channels</b>	4
<b>CAN FD</b>	Yes
<b>CAN FD Bit Rate</b>	Up to 8 Mbit/s
<b>Certificates</b>	CE, RoHS
<b>Connector</b>	HD-26
<b>Current Consumption</b>	Max 500 mA
<b>Dimensions</b>	50 x 170 x 20 mm incl. strain relief
<b>Error Frame Generation</b>	Yes
<b>Galvanic Isolation</b>	Yes
<b>Interfaces</b>	USB, CAN
<b>IP Rating Housing</b>	IP40
<b>Kvaser <i>t</i>-script</b>	Yes
<b>Operating Systems</b>	Linux, Windows <sup>1</sup>
<b>Silent Mode</b>	Yes
<b>Temperature Range</b>	-40 to +85 °C
<b>Timestamp Resolution</b>	1 $\mu$ s
<b>Weight</b>	145 g (287 g with HD26-4xDS9 splitter cable)

<sup>1</sup> Windows 7, 8, 10 (IA-32 and x86-64)  
Windows 11 (x86-64)