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## 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](mailto:support@kvaser.com)



### EAN

73-30130-01524-1

## Major Features

- USB CAN interface with Kvaser t Script.
- 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](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>	20 kbit/s to 1 Mbit/s
<b>CAN Channels</b>	5
<b>CAN Connector</b>	26-pin HD D-SUB
<b>CAN Controller</b>	Kvaser CAN IP in FPGA
<b>CAN FD Bit Rate</b>	Up to 8 Mbit/s
<b>CAN Transceivers</b>	Compliant with ISO 11898-2
<b>Dimensions</b>	68 x 170 x 23 mm (for body incl. strain relief)
<b>Error Frame Detection</b>	Yes
<b>Error Frame Generation</b>	Yes
<b>Galvanic Isolation</b>	Yes
<b>IP Rating Housing</b>	IP40
<b>Kvaser MagiSync</b>	Yes
<b>Kvaser t Script</b>	Yes
<b>Max Message Rate</b>	20000 msg/s per channel
<b>Operating Systems</b>	Linux, Windows <sup>1</sup>
<b>Operating Temperature Range</b>	-40 to +85 °C
<b>Optional External Power</b>	9-40 V
<b>Power Consumption</b>	2.5 W
<b>Regulatory Compliance</b>	CE, FCC
<b>Timestamp resolution</b>	1 µs
<b>Weight</b>	178 g (347 g including HD26-5DS9 cable splitter)

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