

Kvaser USBcan Pro 2xHS v2

PWR

CAN 1

CAN 2

## KVASER USBCAN PRO 2XHS V2

EAN 73-30130-00752-9

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.

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## Major Features

- Supports CAN FD.
- Quick and easy plug-and-play installation.
- Supports both 11-bit (CAN 2.0A) and 29-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.
- Fully compatible with J1939, CANopen, NMEA 2000 and DeviceNet.
- 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.

## Technical Data

Bitrate	50-1000 kbps
Temp Range	-40 - 85 °C
Timestamp	1
Messages Per Second Receive	20000 mps
Messages Per Second Sending	20000 mps
Weight	150 g
Length	170 mm
Height	25 mm
Channels	2
Certificates	CE, RoHS
Interfaces	USB
Categories	PC Interfaces, Interfaces
OS	Windows 10, 8, 7, Vista, XP, and Linux
Connectors	DSUB 9
Buffers	On Board Buffer
Galvanic Isolation	Yes
Error Frame Generation	Yes
Error Counters Reading	Yes
Silent Mode	Yes
Material	PA66
Sound	No
Current Consumption	max 500mA



### WARRANTY

2-Year Warranty. See our General Conditions and Policies for details.

### SUPPORT

Free Technical Support on all products available by contacting [support@kvaser.com](mailto:support@kvaser.com)

### SOFTWARE

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

Units are shipped with Kvaser TRX, a lightweight development environment.

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 and Visual Basic.

All Kvaser CAN interface boards share a common software API. Programs written for one interface type will run without modifications on the other interface types!

J2534 Application Programming Interface available.

RP1210A Application Programming Interface available.

Online documentation in Windows HTML-Help and Adobe Acrobat format.