



KVASER USBcan Pro 4xHS

EAN: 73-30130-01261-5

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 time stamp precision. Features include t programming and MagiSync™, which makes it possible to synchronise time stamps 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.

Major Features

- Multi-channel USB CAN interface with Kvaser *t* programmability.
- 20 000 msg/s per channel, each timestamped with a resolution of 1 μ 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.
- Fully compatible with J1939, CANopen, NMEA 2000® and DeviceNet.
- Simultaneous operation of multiple devices.
- Power is taken from the USB bus.
- Includes a 4-channel breakout cable.

Software

Documentation, Kvaser CANlib SDK and drivers can be downloaded for free at www.kvaser.com/downloads.

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, Visual Basic, Python and *t* programming 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	40 kbit/s to 1 Mbit/s
CAN FD	Yes
CAN FD Bit Rate	Up to 8 Mbit/s
CAN Channels	4
CAN Transceivers	MCP2561FD
Certifications	CE, RoHS
Connector	DSUB 9
Current Consumption	Max 500 mA
Dimensions	50 x 170 x 20 mm
Galvanic Isolation	Yes
IP Rating Housing	IP40
Operating Temperature Range	-40 °C to +85 °C
Silent Mode	Yes
Timestamp Resolution	1 μ s
Weight	150 g
Operating Systems	Windows, Linux