KVASER
Advancing connectivity

Kvaser Hybrid CAN/LIN

Learn more about this product

Your Gateway to Efficient Connectivity

Kvaser Hybrid CAN/LIN is a flexible, single channel interface that can be assigned as either CAN or LIN. This makes the Kvaser Hybrid CAN/LIN a must-have 'universal interface' for every engineer involved in automotive communications!

With a standard USB connector and a CAN/LIN channel with a 9-pin D-SUB connector, this high-speed interface can connect a PC to CAN, CAN FD or LIN.

Warranty
2-Year warranty. See our general conditions and policies for details.

Support
Free support for all products by contacting support@kvaser.com

EAN
73-30130-01284-4

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Major Features

- Supports High Speed CAN (ISO 11898-2) up to 1Mbit/s and LIN 2.2A (ISO 17987 Part 1-7) up to 20 kbit/s.
- Supports CAN FD up to 5Mbit/s (with proper physical layer implementation).
- Quick and easy plug-and-play installation.
- Supports CAN 2.0 A and CAN 2.0 B active.
- Power is taken from the USB bus, LED lights alert user to device status.
- Galvanically isolated CAN bus drivers.
- Supplied with Kvaser CANlib and Kvaser LINlib, free sofware APIs that are common to all Kvaser hardware and enable the channels to be configured intuitively and fast.
- 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 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	50 kbit/s to 1 Mbit/s
CAN FD	Yes
CAN FD Bit Rate	Up to 5 Mbit/s
CAN Channels	1
Current Consumption	Max. 195 mA
Dimensions	35 x 165 x 17 mm
Galvanic Isolation	Yes
IP Rating Housing	IP40
Interfaces	USB, CAN, LIN
Kvaser MagiSync	No
Lin Bit Rate	1 kbit/s to 20 kbit/s
Max Message Rate	20,000 msg/s
Operating Systems	Linux, Windows [1]
Operating Temperature	-40 to +85 °C
Timestamp Resolution	50 µs
Weight	116 g

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

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