KVASER
Advancing connectivity

Kvaser Hybrid Pro CAN/LIN

Learn more about this product

Your Gateway to Efficient Connectivity

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

The Pro version offers advanced features such as support for Silent Mode, Error Frame Detection and Generation and Kvaser MagiSync™ automatic clock synchronization. Silent Mode allows you to listen in on a CAN bus without injecting new information that other nodes will detect, whilst Kvaser MagiSync™ synchronizes timestamps across multiple Kvaser MagiSync™-enabled devices without needing 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

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Major Features

- *t* programming allows users to set up complex triggers and filters on the device, perform ECU simulation or transform your device into a gateway/ bridge.
- Supports CAN FD, up to 5 Mbit/s (with proper physical layer).
- 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.
- Quick and easy plug-and-play installation.
- Supports CAN 2.0 A and CAN 2.0 B active.
- USB powered (bus V+ reference required for LIN).
- Kvaser MagiSync – automatic time synchronization.
- 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	50-1000 kbps
CAN Channels	1
CAN FD	Yes
CAN FD Bit Rate	Up to 5 Mbit/s
Current Consumption	Max 195 mA
Dimensions	35 x 165 x 17 mm
Galvanic Isolation	Yes
Interfaces	USB, CAN, LIN
IP Rating Housing	IP40
Kvaser MagiSync	Yes
LIN Bit Rate	1 kbit/s to 20 kbit/s
Max Message Rate	20,000 msg/s
Operating Systems	Linux, Windows [1]
Operating Temperature Range	-40 to +85 °C
Timestamp Resolution	1 µs
Weight	116g

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

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