



## **KVASER HYBRID 2XCAN/LIN**

EAN 73-30130-00965-3

Kvaser Hybrid 2xCAN/LIN is a flexible, dual channel interface that allows each channel to be assigned independently as CAN or LIN. This makes the Kvaser Hybrid 2xCAN/LIN a must-have 'universal interface' for every engineer involved in automotive communications.

With a standard USB connector and two CAN/LIN channels in two separate 9-pin D-SUB connectors, this interface can connect a PC to two CAN buses, two LIN buses, or one CAN and one LIN bus.

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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.
- Capable of sending up to 20000 messages per second, per CAN channel.
- Supports CAN FD, up to 5 Mbit/s (with proper physical layer)
- Quick and easy plug-and-play installation.
- Supports CAN 2.0 A and CAN 2.0 B active.
- USB powered (bus Vbat reference required for LIN).
- LEDs indicate device status and bus activity.
- Galvanically isolated CAN channels.
- Fully compatible with J1939, CANopen, NMEA 2000 and DeviceNet.
- Supplied with Kvaser CANlib and Kvaser LINlib, free software APIs that are common to all Kvaser hardware and enable the channels to be configured intuitively and fast.
- Extended operating temperature range from -40 to 85 °C.



## Technical Data

### CAN Channel Performance Data

Bitrate	50 kbit/s to 1 Mbit/s
Messages Per Second	20,000
CAN FD	Up to 5 Mbit/s (with proper physical layer)

### LIN Channel Performance Data

Bitrate	1-20 kbps
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### General Hardware Data

Temp Range	-40 to +85 °C
Galvanic Isolation	Yes
Weight	170 g
Dimensions	50 x 170 x 20 mm for body incl. strain relief
Channels	2
Certificates	CE, RoHS
PC Interface	USB 2.0
OS	Windows 10, 8, 7, Vista, and Linux
Time Stamp Resolution	50 µs
Error Frame Detection	Yes
Error Frame Generation	No
Silent mode	No
Kvaser MagiSync	No
Power consumption	Max 280 mA

### 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)

Kvaser CANlib SDK and LINlib are free resources that include everything you need to develop software for Kvaser CAN and LIN interfaces. Includes full documentation and many program

samples, written in C, C++, C#, Delphi, Java, Python, 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.