



### 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.

#### Feature List:

- 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 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.
- USB powered (bus V+ reference required for LIN).
- LEDs indicate device status and bus activity.
- Galvanically isolated CAN buses.
- 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.
- Support for SocketCAN, see [elinux.org](http://elinux.org) for details.

## 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 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, 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.

TECHNICAL DATA - KVASER HYBRID 2XCAN/LIN

ERROR FRAME GENERATION	No
CURRENT CONSUMPTION	280mA
MAXIMUM BITRATE (KBPS)	1000
ON-BOARD TX BUFFER	No
PC INTERFACE	USB
TIMESTAMP RESOLUTION (US)	50
EMBEDDED SCRIPT	No
CB BOARD	No
SOUND	No
ON-BOARD RX BUFFER	No
WIDTH (MM)	50
LENGTH (MM)	170
RUGGED	No
IP CLASS	IP40
MAGISYNC	No
ERROR COUNTERS READING	No
SOUND	No
TIMESTAMP RESOLUTION (US)	50
LIN BITRATE (KBPS)	1-20
MSGRATE TX MAX	20000
HEIGHT (MM)	20
WEIGHT (G)	170.0
WIDTH (MM)	50
CLOCK SYNC	No
RUGGED	No
ERROR FRAME DETECTION	Yes
OPERATING SYSTEM	Win XP,Win 7,Win Vista,Win 10,Win 8

WEIGHT (G)	170.0
SILENT MODE	No
MAXIMUM BITRATE (KBPS)	1000
GALVANIC ISOLATION	Yes
ON-BOARD BUFFER	Yes
# OF CAN CHANNELS	2
EMBEDDED SCRIPT	No
API, FREE	Kvaser API, J2534, RP 1210
CERTIFICATIONS	CE,RoHS
ON-BOARD RX BUFFER	No
GALVANIC ISOLATION	Yes
STATUS	Active
NETWORK CHANNEL(S)	2x CAN/LIN,2 x CAN/LIN
CERTIFICATIONS	CE,RoHS
PRICE EXAMPLE	0.00 to 99999999.00
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
PRODUCT GROUPS	LIN,Hybrid
LIN BITRATE (KBPS)	1-20
CONNECTOR	DSUB 9
CAN FD	Yes
NETWORK CHANNEL(S)	2x CAN/LIN,2 x CAN/LIN
CLOCK SYNC	No
CONNECTOR	DSUB 9
ERROR FRAME GENERATION	No
ERROR FRAME DETECTION	Yes
ON-BOARD TX BUFFER	No
CASING MATERIAL	PA66
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8

CB BOARD	No
PRODUCT GROUP	Hybrid
PRICE EXAMPLE	0.00 to 99999999.00
PC INTERFACE	USB
PRODUCT GROUPS	LIN,Hybrid
MAGISYNC	No
MSGRATE RX MAX	20000
MINIMUM BITRATE (KBPS)	50
CURRENT CONSUMPTION	Max 280 mA
ERROR COUNTERS READING	No
# OF CAN CHANNELS	2
IP CLASS	IP40
MSGRATE TX MAX	20000
HEIGHT (MM)	20
ON-BOARD BUFFER	Yes
SILENT MODE	No
STATUS	Active
MINIMUM BITRATE (KBPS)	50
CASING MATERIAL	PA66
CAN FD	No
LENGTH (MM)	170
API, FREE	Kvaser API, J2534, RP 1210
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
MSGRATE RX MAX	20000

The information herein is subject to change without notice