



## KVASER LEAF SEMIPRO HS

EAN 73-30130-00242-5

Kvaser Leaf SemiPro is a one channel USB interface for High Speed CAN (ISO 11898-2). It offers the possibility to easily connect several interfaces to a PC. The time-stamping is synchronized through Kvaser MagiSync™, providing flexibility and making it perfect for multi-channel applications. Includes Galvanic Isolation for protection against voltage spikes.

### 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).

## Major Features

- Automatic and accurate clock synchronization between several Kvaser Leaf SemiPro interfaces through Kvaser MagiSync™. The technical solution is unique and patented by Kvaser.
- Handles up to 15,000 messages per second, time-stamped and synchronized with a precision of 25 microsecond.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Reliable error handling.
- Supports silent mode for analyzing tools.
- Low power consumption.
- Excellent EMC performance.
- Galvanic isolation of the CAN bus driver stage to protect the hardware.
- Labeled CAN channel for easy identification of the supported physical layer.
- Designed for USB 2.0, backward compliant with USB 1.1.
- Support for SocketCAN, see [elinux.org](http://elinux.org) for details.
- Quick and easy Plug-and-Play installation.

## 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, 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.

## Technical Data

CAN FD	No
Certifications	CE, RoHS
Connector	DSUB 9
Current Consumption	Typical 70mA
Error Frame Detection	Yes
Galvanic Isolation	Yes
Maximum Bitrate (kbps)	1000
Minimum Bitrate (kbps)	5
Msgrate Rx Max	15000
Msgrate Tx Max	15000
On-board Buffer	Yes
Operating System	Linux, Win 7, Win Vista, Win 10, Win 8
Operating Temperature Range (C)	-40 °C to +85 °C
Weight (g)	105

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