



## KVASER USBCAN PROFESSIONAL

EAN 73-30130-00357-6

The Kvaser USBcan Professional with MagiSync is a high performance, two-channel CAN bus interface with a standard USB1.1 connection. It enables several interfaces to be easily connected to a desktop or laptop PC. With quick reaction times and high data throughput, the Kvaser USBcan Professional is perfect for rapid ECU re-flashing, advanced bus analyzers, and efficient development work.

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## Major Features

- Two high-speed channels with ISO 11898-2 compliant CAN transceivers, 10 kbit/s up to 1 Mbit/s
- Supports 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Kvaser's MagiSync™ technology to synchronize time stamps across multiple units without extra wires.
- Quick and easy plug-and-play installation.
- When combined with the Kvaser Linx, it also supports the J1587 bus.
- CAN messages time-stamped and synchronized with a precision of 2 microseconds.
- Silent mode for analyzing tools.
- Galvanic isolation of the CAN bus driver stage to protect the hardware.
- Designed for USB 2.0, backward compliant with USB 1.1.
- Large on-board RAM buffer for CAN message.
- Plastic housing with dimension W\*L\*H about 50\*90\*25 mm (approx 2 x 3,5 x 1 inch).
- A practically unlimited number of Kvaser USBcan Professional devices can be connected via standard USB hubs for simultaneous use on a single PC.
- Excellent error handling.
- Labeled CAN channel for easy identification of the supported physical layer.

## Technical Data

Bitrate	5-1000 kbps
Temp Range	-40 - 85 °C
Timestamp	2
Messages Per Second Receive	20000 mps
Messages Per Second Sending	20000 mps
Weight	150 g
Length	90 mm
Height	25 mm
Channels	2
Certificates	CE, RoHS
Interfaces	USB
Categories	PC Interfaces, Interfaces
OS	Windows 10, 8, 7, XP, Vista and Linux
Connectors	DSUB 9
Buffers	Auto RX Buffers, Auto TX Buffers, On Board Buffer
Galvanic Isolation	Yes
Error Frame Generation	Yes
Error Counters Reading	Yes
Silent Mode	Yes
Material	PC-ABS
Sound	No
Current Consumption	-5V and 130mA when powered from the USB

### 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 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.