



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.

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.

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.

Software

- Documentation, software and drivers can be downloaded for free at www.kvaser.com/downloads.
- Kvaser CANLIB SDK [link] 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.



- On-line documentation in Windows HTML-Help and Adobe Acrobat format.

TECHNICAL DATA - KVASER USBCAN PROFESSIONAL

ERROR COUNTERS READING	Yes
# OF CAN CHANNELS	2
CLOCK SYNC	Yes
RUGGED	No
SILENT MODE	Yes
MSGRATE TX MAX	20000
ERROR FRAME DETECTION	Yes
ERROR FRAME GENERATION	Yes
CASING MATERIAL	-
API, FREE	Kvaser API, J2534, RP 1210
ON-BOARD TX BUFFER	Yes
API, LICENCED	None
LENGTH (MM)	90
CONNECTOR	DSUB 9
WEIGHT (G)	150.0
MINIMUM BITRATE (KBPS)	5
HEIGHT (MM)	25
ON-BOARD BUFFER	Yes
PC INTERFACE	USB
SOUND	No
IP CLASS	IP67
EMBEDDED SCRIPT	No
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
CERTIFICATIONS	RoHS
MSGRATE RX MAX	20000
TIMESTAMP RESOLUTION (US)	2



Kvaser USBcan Professional

ON-BOARD RX BUFFER	Yes
OPERATING SYSTEM	Win Vista,Win 8,Win 7,Win XP
NETWORK CHANNEL(S)	1 x CAN HS
WIDTH (MM)	50
GALVANIC ISOLATION	Yes
MAXIMUM BITRATE (KBPS)	1000
STATUS	Active

The information herein is subject to change without notice