



Kvaser USBcan Pro 5xHS

EAN: 73-30130-00779-6

Kvaser USBcan Pro 5xHS is a five channel, high performance, CAN bus interface that provides a quick and flexible way to connect your PC to multiple CAN bus, in real-time. With all channels configured for High Speed CAN (ISO 11898-2), the Kvaser USBcan Pro 5xHS handles transmission and reception of standard and extended CAN messages on the bus with a high time stamp precision. This device supports CAN FD.

Feature List:

- Supports CAN FD.
- Quick and easy plug-and-play installation.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Power is taken from the USB bus.
- Galvanic isolation.
- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit/s.



- Fully compatible with J1939, CANopen, NMEA 2000.
- Kvaser MagiSync provides automatic time synchronization between several PC-to-bus interfaces connected to the same PC.
- Programming functionality to support interface mode e.g. Optimize protocol handling, pre-filter CAN messages directly on the interface, or simulate missing hardware.
- Simultaneous operation of multiple devices.
- Five CAN channels integrated in a single 26-pin HD D-SUB connector.
- Includes 5 channel breakout cable.
- Support for SocketCAN, see 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.

Software

- Documentation, software and drivers can be downloaded for free at 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.
- On-line documentation in Windows HTML-Help and Adobe Acrobat format.



TECHNICAL DATA - KVASER USBCAN PRO 5XHS

CONNECTOR	DSUB 26 or 5xDSUB 9 with co-sent splitter cable
RUGGED	No
LENGTH (MM)	170
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
GALVANIC ISOLATION	Yes
ON-BOARD BUFFER	Yes
SILENT MODE	Yes
CB BOARD	No
ERROR FRAME GENERATION	Yes
ON-BOARD TX BUFFER	No
IP CLASS	IP40
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8
CLOCK SYNC	Yes
MSGRATE TX MAX	20000
ON-BOARD RX BUFFER	Yes
HEIGHT (MM)	23
TIMESTAMP RESOLUTION (US)	1
ERROR COUNTERS READING	Yes
PRODUCT GROUPS	USBcan
NETWORK CHANNEL(S)	5 x CAN HS
API, FREE	Kvaser API, J2534, RP 1210
DATABASE DBC SUPPORT	No
WEIGHT (G)	150.0
CURRENT CONSUMPTION	Max 500mA
MINIMUM BITRATE (KBPS)	40
SOUND	No
MAXIMUM BITRATE (KBPS)	1000

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MSGRATE RX MAX	20000
MAGISYNC	Yes
CAN FD	Yes
ERROR FRAME DETECTION	Yes
STATUS	Active
# OF CAN CHANNELS	5
API, LICENCED	None
PC INTERFACE	USB
CERTIFICATIONS	CE,RoHS
CASING MATERIAL	PA66
EMBEDDED SCRIPT	Yes
WIDTH (MM)	68

The information herein is subject to change without notice