KVASER PCIECAN HS V2

EAN 73-30130-00866-3

Kvaser PCIEcan HS v2 is a highly integrated, high-speed controller area network (CAN) card that adds a single high-speed (ISO 11898-2) CAN channel to any standard computer board with PCI Express capability. At 86 x 69 mm, this has a smaller form factor and lower profile than the Kvaser PCIEcan HS. Offering silent mode, error frame detection/generation and an on-board buffer, this add-on board fits many embedded data acquisition systems and is CAN FD compliant.

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Major Features

- Standard (PCIe-x1) PCI Express interface.

- Quick and easy plug-and-play installation.

- Supports High-Speed CAN (ISO 11898-2) up to 1 Mbit/s.

- Supports CAN 2.0 A and 2.0 B (active).

- Supports CAN FD up to 8 Mbit/s (with proper physical layer implementation).

- Low profile card allows ultra-compact systems.

- Includes low and high profile brackets.

- Implements Kvaser's CAN IP in an FPGA, resulting in high max message rate.

- Yellow LED indicates when a CAN message was received or sent.

- Fully compatible with J1939, CANopen, NMEA 2000 and DeviceNet.

- Fully compatible with applications written for other Kvaser CAN hardware with Kvaser CANlib.

- Supports silent mode for analysis tools – listens to the bus without interfering.

- Detection and generation of error frames and remote frames.

- Designed for standard and industrial computers.

- Galvanically isolated CAN bus drivers.

- Extended operating temperature range from -40 to 85°C.

Technical Data

Bit Rate	50-1000 kbps
Temp Range	-40 - 85 °C
Timestamp	1
Messages Per Second Receive	20000 mps
Messages Per Second Sending	20000 mps
Weight	48 g
Length	86 mm
Height	69 mm
Channels	1
Interfaces	PCI Express
Categories	PC INTERFACES, Interfaces
OS	Windows 10, 8, 7 and Vista
Galvanic Isolation	Yes
Error Frame Generation	Yes
Error Counters Reading	No
Silent Mode	Yes
Sound	No

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, 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.

Online documentation in Windows HTML-Help and Adobe Acrobat format.