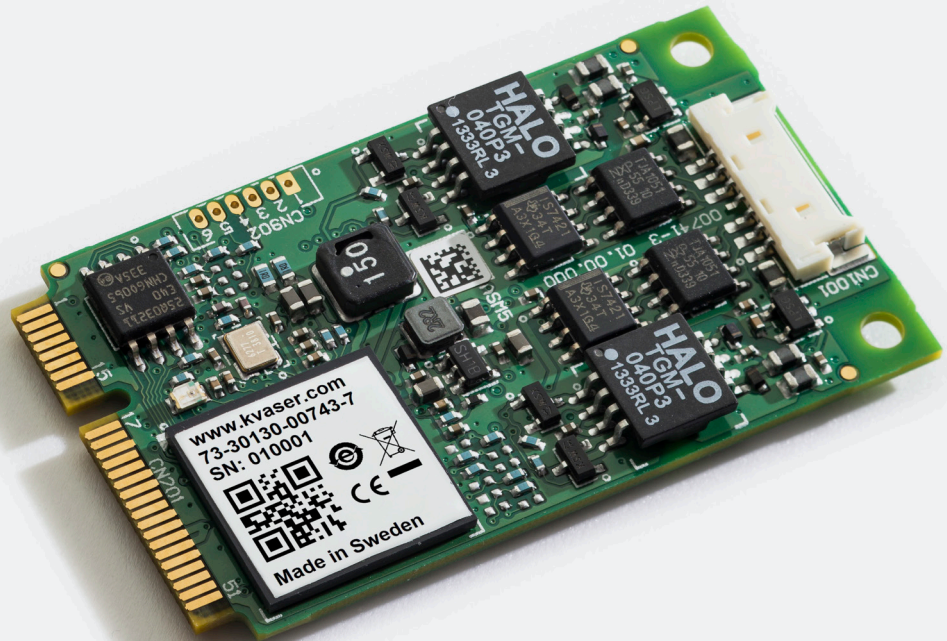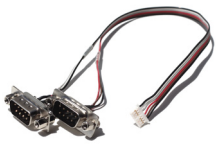Learn more about
this product

Your Gateway to Efficient Connectivity

Offering silent mode, error frame detection and an on-board buffer, this small form factor board fits any embedded data acquisition system, but is particularly suitable for fleet management to monitor key parameters such as fuel economy, engine speed, braking and accelerator pressure, and gearshift patterns.

Warranty
2-Year warranty. See our general conditions and policies for details.

Support
Free support for all products by contacting support@kvaser.com

EAN
73-30130-00743-7

Major Features

- Supports a bit rate from 40 to 1000 kbit/s and a CAN transfer rate up to 20000 messages/s.

- Timestamp accuracy is 25 μs.

- Low profile connector complies with the mini PCI Express standard, which connects via a cable to a DSUB (or other type) at the computer housing.

- A 7 pin Molex connector provides dual CAN channel access.

- Complies with EN 61000-6-2:2005, specifying EMC immunity for industrial environments.

- Operates over the industrial temperature range of -40 to +85 °C.

- Kvaser's free-of-charge CANlib SDK can be used to develop software for the Mini PCI Express HS board.

- Support for Linux, in the form of drivers and a dedicated SDK, are available as a separate download.

- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet. Higher layer protocol translation handled by the user's application. For software support please see our Technical Associates products and our Software Download page (www.kvaser.com).

Support

Documentation, Kvaser SDK and drivers can be downloaded for free at www.kvaser.com/downloads.

Kvaser 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, Visual Basic, Python and *t* script language.

Kvaser CAN hardware is built around the same common software API. Applications developed using one device type will run without modification on other device types.

Technical Data

Bit Rate	40-1000 kbps
Buffers	On Board Buffer
Channels	2
Dimensions	51 x 30 x 5 mm
Error Frame Generation	No
Error Counters Reading	No
Galvanic Isolation	Yes
Interfaces	CAN, USB
Messages Per Second Receive	20000 mps
Messages Per Second Sending	18000 mps
Operative Systems	Linux, Windows [1]
Regulatory Compliance	CE, FCC
Silent Mode	Yes
Temperature Range	-40 to +85 °C
Weight	6 g (21 g including cable)

[1] Windows 7, 8, 10 (IA-32 and x86-64)
  Windows 11 (x86-64)