

CAN-IB520/PCIe Mini

Passive CAN FD Interface for PCI Express Mini

1 x CAN FD, CAN

With the CAN-IB520/PCIe Mini HMS offers an interface board specially designed for applications which require the implementation of a CAN FD interface with minimum space requirements. The interface has one CAN channel and can send and receive CAN FD (ISO as well as non-ISO format) or CAN 2.0 A/B messages.



FEATURES AND BENEFITS

- Economically priced passive board (no microprocessor on board)
 - Extremely compact design
 - One CAN channel (High Speed CAN oder CAN-FD)
 - Galvanic isolation of the CAN interface
 - Uniform driver packages support all IXXAT CAN and CAN-FD interfaces and allow easy change of the PC interface type
 - Powerful programming interface for Windows "VCI" as well as "ECI" for Linux, QNX, RTX, INtime and VxWorks
- If necessary, the number of interface channels can be extended by using multiple cards within one PC.

TECHNICAL SPECIFICATIONS

PC bus interface	PCI Express Mini Card (V1.2)
PC address range	Plug & Play
Interrupts	Plug & Play
CAN interface	One CAN interfaces; CAN FD or CAN 2.0 A/B; galvanic isolation (1 kV, 1 sec.)
CAN bitrates	10 kbit/s to 1 Mbit/s (high-speed)
CAN FD bitrates	Arbitration rate up to 1000 kBit/s, data rate up to 8000 kbit/s. The data rates are verified by tests. User-defined bit rates are possible. Attention: The maximum data rate can be exceeded depending on the concrete operating conditions (cable length, settings made, remote stations,...), but it can also not be reached.
Power supply	3.3 V DC
Temperature range	-40 °C ... +85 °C
Certification	CE, FCC
Size	30 × 50.95 mm

CONTENTS OF DELIVERY




- PC/CAN interface card, manual
- CAN connection cable open style (20 cm)
- CAN driver VCI for Windows 2000, XP, Vista, Windows 7, Windows 8, Windows 10, Windows 11
- Simple CAN monitor "canAnalyser Mini"

File	Version	Size	Read online
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Order numbers

CAN FD ports	Galv. iso.	Order numbers	Additional information
1	X	1.01.0237.12010	CAN socket aligned to the end of the card (back entry)

Accessories

Product image	Type	Order number
	Sub-D9 Connector with CAN Termination	1.04.0075.03000
	CAN cable	1.04.0076.00180
	Y CAN cable	1.04.0076.00001

More accessories and detailed information...