

## CAN-IB630/PCIe 104

### Active CAN FD Interface for PCI/104-Express

#### 2 x CAN FD, CAN (High-Speed)

With the CAN-IB630/PCIe 104 HMS offers a PCI/104-Express board based on a modern and powerful concept. The interface is available with two CAN-FD channels. Each channel can send and receive CAN FD (ISO as well as non-ISO format) or CAN 2.0 A/B messages.



#### FEATURES AND BENEFITS

- Active board with 32 bit microcontroller
- Two CAN FD channels
- 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

#### VERSIONS

The CAN-IB630/PCIe 104 is available with two CAN channels and galvanic isolated interfaces.

#### TECHNICAL SPECIFICATIONS

<b>PC bus interface</b>	PCI express (V1.1)
<b>PC address range</b>	Plug & Play
<b>Interrupts</b>	Plug & Play
<b>Microcontroller</b>	32 bit microcontroller
<b>CAN interface</b>	2 CAN FD / CAN 2.0 A/B interfaces; bent 2 x 5 pin connector according to CiA 303-1; galvanic isolated (1 kV, 1 sec.)
<b>CAN bitrates</b>	10 kbit/s to 1 Mbit/s (high-speed)
<b>CAN FD bitrates</b>	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.
<b>Power supply</b>	3.3 V DC, 390 mA typ.

<b>Temperature range</b>	-40 °C ... +85 °C
<b>Certification</b>	CE
<b>Size</b>	Approx. 90 x 96 mm

#### CONTENTS OF DELIVERY




- PC/CAN interface card, manual
- Adapter cable IDC / DSub-9
- CAN driver VCI for Windows 11, Windows 10 (32/64) / Windows 8 (32/64) / Windows 7 (32/64) / Windows XP SP2 (older versions on request)
- Simple CAN monitor "canAnalyser Mini"

File	Version	Size	Read online
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## Order number

CAN FD ports	Galv. iso.	Order numbers
2	X	<b>1.01.0239.22010</b>

## Accessories

Product image	Type	Order number
	<b>Sub-D9 Connector with CAN Termination</b>	1.04.0075.03000
	<b>CAN cable</b>	1.04.0076.00180
	<b>Y CAN cable</b>	1.04.0076.00001
More accessories and detailed information...		