

INpact EIP Slave PCIe

Versatile industrial Ethernet PC interface for EtherNet/IP

The dedicated EtherNet/IP version of the Ixxat INpact comes with a pre-installed network protocol. It enables the easy connection of PC-based EtherNet/IP Slave applications to the industrial network and is based on proven Anybus and Ixxat technology.



ETHERNET/IP FEATURES

- Beacon Based DLR (Device Level Ring) and linear network topology supported
- 10/100 Mbit, full/half duplex operation
- Web server with customizable content
- FTP server
- Email client
- Server Side Include (SSI) functionality
- Customizable Identity Information
- Up to 65535 ADIs
- CIP Parameter Object support
- Expandable CIP object implementation
- Supports unconnected CIP routing
- Transparent Socket Interface
- Modular Device functionality
- QuickConnect supported
- Multiple IO assembly instances can be created

EASY PROGRAMMING

The INpact card comes with a comprehensive C-API based driver package for Windows – enabling simple and rapid development of customer-specific applications – and with drivers for Linux. Operating systems such as RTX, Intime, VxWorks and QNX are supported upon request.

TECHNICAL SPECIFICATIONS

	INpact EIP Slave PCIe Standard/Low Profile	INpact EIP Slave PCIe Mini	INpact EIP Slave M.2
Field bus interface	Two Ethernet ports, 100/10 Mbit	Two Ethernet ports, 100/10 Mbit	Two Ethernet ports, 100/10 Mbit
PC interfaces	PCI Express single lane port (x1) according to PCI Express base specification, revision 1.1	PCI Express single lane port (x1)	PCI Express single lane port (x1)
Network handling	Anybus NP40	Anybus NP40	Anybus NP40
Power supply	Via PCIe socket (3.3 V / 12 V DC)	Via PCIe (3.3 V)	Via PCIe (3.3 V)
Current consumption	Typ. 270 mA / 3.3 V DC, 110 mA / 12 V DC	Typ. 600 mA / 3.3 V DC	Typ. 600 mA / 3.3 V DC
Form factor	Standard height / low profile PCI Express add-in card profile	Full Mini Card form factor	M.2 2260 (Key B-M)
Operating temperature range	0 °C to 70 °C; Option: -40 °C to 70° C	-40 °C to 60 °C	-20 °C to 60 °C
Galvanic isolation	1,500 Vrms	1,500 Vrms	1,500 Vrms
Dimensions	64 x 105 mm	30 x 50.95 x 12 mm (with cable)	22 x 60 x 12 mm (with cable)
Weight	approx. 53 g	approx. 48 g (only board and cable)	approx. 25 g (only board and cable)
Certification	CE, FCC	CE, FCC	CE, FCC

TECHNICAL SERVICES

Getting Started Support

We offer our customers support via phone, e-mail and Teamviewer in getting started the quickest way possible. This includes assistance in installation of the INpact PC card and driver, explaining the included programming examples, and giving an introduction to process data mapping and PLC configuration.

Additional Support

Extended support such as mapping process data, detailed introduction to the sample code, etc. can be offered on an hourly base as general technical service.

CONTENT OF DELIVERY

- Ixxat INpact PC board (Mini and M.2 version with additional bus interface board, cable and mini bracket)
- EtherNet/IP firmware pre-installed
- Windows, Linux and INtime driver software
- Manual

File	Version	Size	Read online
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Order Information

Product name	Supported protocol	Order number
INpact EIP Slave PCIe Standard Profile	EtherNet/IP	1.01.0320.22110
INpact EIP Slave PCIe Low Profile	EtherNet/IP	1.01.0320.22120 *
INpact EIP Slave PCIe Mini with connection cable (150 mm), bus coupling unit and mini bracket	EtherNet/IP	auf Anfrage
INpact EIP Slave M.2 with connection cable (150 mm), bus coupling unit and mini bracket	EtherNet/IP	auf Anfrage
Connection cable (300 mm) for INpact PCIe Mini or M.2		1.04.0340.00001

* Please use the INpact CE variant (Common Ethernet) for new developments, this supports all offered Industrial Ethernet protocols.