Ixxat INpact PIR Slave PCIe Mini



Item number: 1.01.0340.24100

The Ixxat INpact PIR Slave PCIe Mini is a versatile and efficient solution to connect embedded systems and PCs to PROFINET IRT networks. This preconfigured PROFINET IRT variant features a compact PCIe Mini format and delivers precise, isochronous real-time data exchange, ideal for motion control tasks.

Connects computers and embedded systems to PROFINET IRT networks

Features and benefits

Ideal for demanding requirements

Offers reliable data processing with deterministic real-time behavior, utilizing Anybus CompactCom NP40 technology to ensure efficient communication in complex and time-sensitive applications.

Compact PCIe Mini form factor

With its PCIe Mini form factor, this variant is ideal for small devices and mobile applications with limited available space.

Broad application range

Suitable for diverse applications including slave connection to networks, process data visualization, Human-Machine-Interfaces (HMI), data acquisition, and measurement and analysis.

Seamless PC operation under Windows and Linux

Powerful driver packages enable easy integration into PC-based Ixxat applications and customer-specific programs.

PCIe Mini interface

Single-lane (1x) PCI Express interface supports high-speed data transmission, ideal for demanding industrial applications.

Overvoltage protection

Galvanic isolation safeguards against overvoltage and protects from potential electrical damage.

Easy configuration and maintenance

User-friendly configuration tools simplify setup and system updates, making it a flexible solution for long-term use in dynamic environments.

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General

Net Weight (g)	7
Packed Weight (g)	57
Isolation	1,500 Vrms
Configuration	The Ixxat INpact cards comes with a comprehensive C-API based driver package for Windows and Linux – enabling simple and rapid development of customer-specific applications. Their uniform application programming interface allows for quick protocol switching with minimal programming, enhancing flexibility and reducing development costs.
Content of Delivery	Ixxat INpact PC board, user manual, pre-installed firmware, available as free download: Windows, Linux and INtime driver software
Not Included (in delivery)	comprehensive and powerful driver and software packages are available as download
Packaging Material	Cardboard

Identification and Status

Product ID	1.01.0340.24100
Country of Origin	Germany
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN) (Applies only to the U.S)	EAR99

Physical Features

Connectors / Input / Output	2 x RJ45 connectors via bus interface board, 1 x PCI express single lane port (x1)
Form Factor	Mini PCIe
Contains Battery	No

PROFINET Features

PROFINET Supported Functionality	100 Mbit/s Ethernet ports with full duplex operation, supports up to 128 sub-modules in total, up to 32767 ADIs, Generic and Profinet specific diagnostic support, complies with Profinet IO Conformance class C, supports up to 1440 bytes I/O data in each direction, status bytes included, SNMP agent, FTP server, E-mail client, Server Side Include (SSI) functionality, JSON functionality, device identity customization, GSD file template provided by HMS, supports Media Redundancy Protocol (MRP)

Certifications and Standards

WEEE Category	IT and telecommunications equipment