Ixxat INpact PIRFO Slave PCIe Mini Kit



Item number: 1.01.0341.26101

The Ixxat INpact PIRFO Slave PCIe Mini Kit is a versatile and efficient solution to connect embedded systems and PCs to PROFINET IRT Fiber Optic networks. This preconfigured PIRFO variant features a compact PCIe Mini format and provides reliable high-speed and interference-free communication. The kit includes an Ixxat INpact PCIe Mini, a a connection cable and a bus coupling unit.

Connects computers and embedded systems to PROFINET Fiber Optic 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.

Ixxat INpact PIRFO Slave PCIe Mini Kit



General

Net Weight (g)	200
Packed Weight (g)	200
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.
Packaging Material	Cardboard

Identification and Status

Product ID	1.01.0341.26101
Country of Origin	Germany
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

Physical Features

Form Factor	Mini PCIe
Contains Battery	No

PROFINET Features

PROFINET Supported Functionality	100 Mbit/s Ethernet ports with full duplex operation, event-based interface method enables easy access to input and output data at any time, pre-certified for full interoperability and network compliance, 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, up to 1440 bytes I/O data in each direction with very low latency, status bytes included, SNMP agent, FTP server, E-mail client, Server Side Include (SSI) functionality, JSON functionality, customizable identity information, GSD file template provided by HMS, Media Redundancy Protocol (MRP)

Certifications and Standards

CE	Yes
FCC	Yes
WEEE Category	IT and telecommunications equipment