

## Ixxat INpact PIRFO Slave PCIe Mini

Item number: 1.01.0341.26100

The Ixxat INpact PIRFO Slave PCIe Mini 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, ideal for electromagnetically noisy environments.



*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.



## Identification and Status

<b>Product ID</b>	1.01.0341.26100
<b>Country of Origin</b>	Germany
<b>HS Code</b>	8517620000
<b>Export Control Classification Number (ECCN)</b>	EAR99

## General

<b>Isolation</b>	1,500 Vrms
<b>Configuration</b>	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.
<b>Packaging Material</b>	Cardboard

## PROFINET Features

<b>PROFINET Supported Functionality</b>	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)
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## Certifications and Standards

<b>ETIM Classification</b>	EC000515
<b>WEEE Category</b>	IT and telecommunications equipment