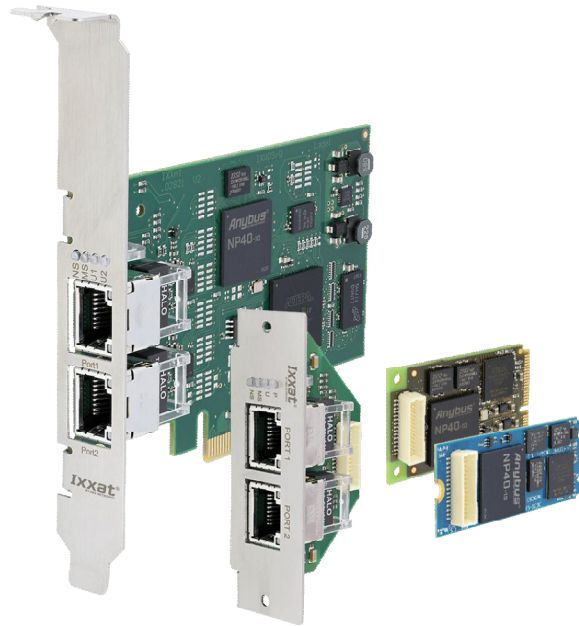# INpact EPL Slave PCIe

Versatile industrial Ethernet PC interface for Powerlink

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

Powerlink Features

- Supports Ethernet Powerlink V2.0 Communication Profile Specification version 1.2.0 (Controlled Node)
- Integrated hub
- 100 Mbit/s, half duplex operation
- 200 µs cycle time
- Supports ring redundancy
- Customizable identity information
- Supports 1 TPDO and 1 RPDO (each can hold 1490 bytes)
- Up to 57343 ADIs
- Adaptable XDD file included
- Supports segmented SDO transfer
- PollResponse Chaining
- Multiplexing
- Support for SYNC functionality

Technical specifications

	INpact EPL Slave PCIe Standard/Low Profile	INpact EPL Slave PCIe Mini	INpact EPL 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

|주| 임베디드시스템코리아