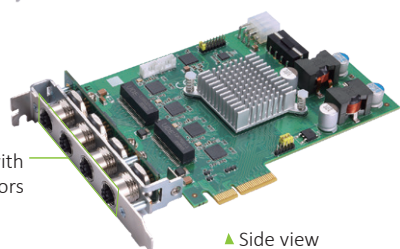
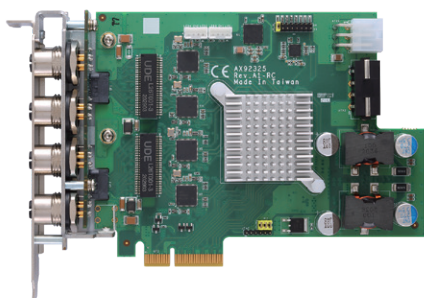


AX92325

2-port/4-port PCI Express 1GigE PoE Card with M12 X-coded Connector



4-port 1GbE with M12 connectors

▲ Side view

Features

- Four M12 x-coded connectors with special design (to avoid occupying two slots, Patent No. I787783)
- 2 or 4 independent Gigabit PoE ports
- Supports 9.5KB Jumbo Frame and IEEE 1588
- Compliant with IEEE802.3at to deliver 30W at 54 VDC per port
- PCI Express x4 compliant
- 0°C to +60°C operating temperature range
- PoE power management software
- Supports LAN port smart on/off

Introduction

The AX92325 PoE (Power over Ethernet) card supports 2 or 4 independent Gigabit PoE ports, providing up to 30W at 54 VDC of power per port. It has a special design for the M12 connector that doesn't take up the space of other slots. With the support of PCIe x4 interface, the AX92325 can be easily integrated into Axiomtek's diverse products including industrial PCs, ATX motherboards, embedded systems, etc. Designed to help customers deploy machine vision cases and surveillance systems applications, the AX92325 brings not only expandable functionality but also flexible configurations to fulfill a variety of vertical application needs, delivering an ideal solution that will ultimately benefit customers with reduced costs, simpler installation, and lower maintenance need.

Specifications

Ethernet Communications

Ethernet Port	2 or 4 GbE LANs by Intel® i210-AT controller, support 9.5KB jumbo frame and IEEE 1588
PoE Capability	IEEE 802.3at compliant, each port delivers up to 30W at 54 VDC
Speed	10/100/1000 Mbps
Port Connector	M12 x-coded connector

Power Requirements

Input Voltage	12 VDC or 24 VDC
Overload Protection	Yes
Connection	4-pin Molex & 6-pin ATX power connector
Output PoE Power	Max. 20W w/ PCIe slot Max. 60W w/ 4-pin Molex power connector Max. 120W with 6 pin ATX power connector
Power Requirements	Power from PCIe slot (max. 20W PoE power output) 2.1A @ +12V 1.2A @ +3.3V Power from ATX power connector (max. 120W PoE power output) 12A @ +12V or 6A @ +24V 1.2A @ +3.3V (from PCIe slot) Power from Molex power connector (max. 60W PoE power output)

General Specifications

Bus Type	PCI Express x4
Operating Temperature	0°C to +60°C (+32°F to +140°F) (with air flow)
Storage Temperature	-20°C to +80°C (-4°F to +176°F)
Humidity	10% to 95%, non-condensing
Dimensions (W x D)	168 x 111 mm
EOS Support	Windows® 7/10 (32/64-bit)

Ordering Information

AX92325-2PoE (P/N: E392325102)	2-port PCIe4 1GbE PoE card with M12
AX92325-4PoE (P/N: E392325100)	4-port PCIe4 1GbE PoE card with M12
AX92325-4GbE (P/N: E392325101)	4-port PCIe4 1GbE card with M12
PoE Power Cable (P/N: 59492320700E)	4P 3.0/6P 4.2, L=10 cm (only be used with IPC962, IPC964 & IPC974)
Power Cable (P/N: 59492320730E)	6-pin ATX to Molex 4-pin power cable, L=150 mm (used for ATX power)