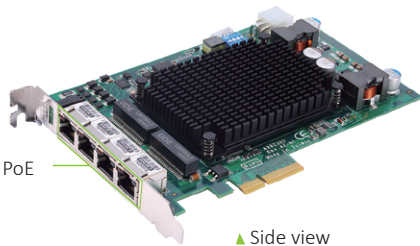
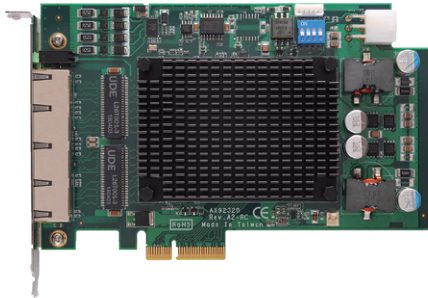


AX92320

2/4-port PCI Express GigE Frame Grabber Card



4 x Gigabit PoE

▲ Side view

Features

- PCI Express x4 compliant
- 2 or 4 independent Gigabit PoE ports
- Supports 9.5KB jumbo frames and IEEE 1588
- Compliant with IEEE802.3at to deliver 30W at 54 VDC per port
- Up to 20/120W PoE power through PCIe 6-pin ATX power connector
- 0°C to +60°C operating temperature range
- PoE power management software
- Supports smart on/off for LAN ports

Introduction

The AX92320 PoE (Power over Ethernet) card supports 2 or 4 independent Gigabit PoE ports, providing up to 30W at 54 VDC of power per port. The AX92320 can fit into the PCI Express slot of any multi-channel vision control system. It is designed to assist customers in developing and deploying machine vision and surveillance applications. These applications will greatly benefit from reduced costs, simpler installation, and lower maintenance. Moreover, the AX92320 has a wide operating temperature range of 0°C to 60°C (32°F to 140°F), making it suitable for use in the most severe environments.

Specifications

Ethernet Communications

Ethernet Port	2 or 4 GbE LANs supported by the Intel® I210-AT controller, with support for 9.5KB jumbo frames and IEEE 1588
PoE Capability	Each port is IEEE 802.3at compliant, delivering up to 30W at 54 VDC
Speed	10/100/1000 Mbps
Port Connector	8-pin RJ-45

Power Requirements

Input Voltage	12/24 VDC
Overload Protection	Yes
Connection	6-pin ATX power connector
Output PoE Power	Up to 20W with PCIe slot Up to 120W with 6-pin ATX power connector
Power Requirements	Power from PCIe slot (up to 20W PoE power output) 2.1A @ +12V 1.2A @ +3.3V Power from ATX power connector (up to 120W PoE power output) 12A @ +12V or 6A @ +24V 1.2A @ +3.3V (from PCIe slot)

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

AX92320-2GbE (P/N: E392320107)	2-port PCI Express GigE frame grabber card
AX92320-4GbE (P/N: E392320106)	4-port PCI Express GigE frame grabber card
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: 591000007400)	ATX6P to HS4P x2 power cable, L=150 mm (used for ATX power)