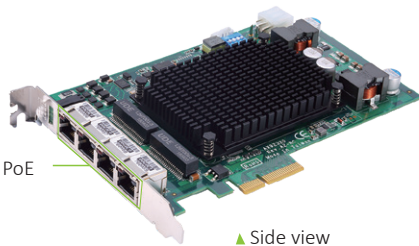
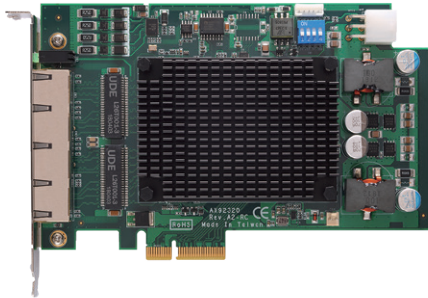


# AX92320

## 2-port/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 Frame and IEEE 1588
- Compliant with IEEE802.3at to deliver 30W at 54 VDC per port
- Up to 20/120W PoE power from PCIe 6-pin ATX power connector
- 0°C to +60°C operating temperature range
- PoE power management software
- Supports LAN port smart on/off

### 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 in the PCI Express slot of any multi-channel vision control systems. It is designed to help customers develop and deploy machine vision and surveillance applications. Applications will greatly benefit through reduce cost, simpler installation and lower maintenance. Moreover, the AX92320 has a wide operating temperature of 0°C to 60°C (32°F to 140°F), making it suitable to be used in most severe environments.

### 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 | 8-pin RJ-45   |

#### Power Requirements

|                     |  |
|---------------------|--|
| Input Voltage       | 12 VDC or 24 VDC   |
| Overload Protection | Yes  |
| Connection          | 6-pin ATX power connector  |
| Output PoE Power    | Max. 20W w/ PCIe slot<br>Max. 120W w/ 6-pin ATX power connector  |
| Power Requirements  | Power from PCIe slot (max. 20W PoE power output)<br>2.1A @ +12V<br>1.2A @ +3.3V<br>Power from ATX power connector (max. 120W PoE power output)<br>12A @ +12V or 6A @ +24V<br>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<br>(P/N: E392320107)      | 2-port PCI Express GigE frame grabber card                          |
| AX92320-4GbE<br>(P/N: E392320106)      | 4-port PCI Express GigE frame grabber card                          |
| PoE Power Cable<br>(P/N: 59492320700E) | 4P 3.0/6P 4.2, L=10 cm (only be used with IPC962, IPC964 & IPC974)  |
| Power Cable<br>(P/N: 59492320730E)     | 6-pin ATX to Molex 4-pin power cable, L=150 mm (used for ATX power) |