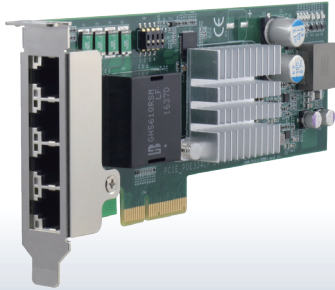


# PCIe-PoE334LP

Low-profile 4-port Server-grade Gigabit PoE+ Card with 2 kV Surge Protection



CE FC

## Key Features

- Low-profile form-factor for installation in 2U server
- 4x ports by Intel® I350-AM4 server-grade GigE controller
- Compliant with IEEE 802.3at to deliver 25.5 W each port
- IEC 61000-4-5 Class 3 surge immunity
- Supports 9.5 kB jumbo frame, teaming and IEEE 1588
- Per-port PoE+ power on/off control by software API

## Introduction

PCIe-PoE334LP is the latest member of Neousys' well-acclaimed PoE NIC card family. It's world's first PoE card integrates 4-port, server-grade GigE controller and 802.3at PoE+ capability into a low-profile PCIe card. The low-profile form-factor makes PCIe-PoE334LP perfectly fit with commercial off-the-shelf 2U server computers.

PCIe-PoE334LP is designed with state-of-the-art Intel® I350-AM4 GigE controller to offer extraordinary Ethernet performance. It inherits Neousys' proven PoE technology to power your machine vision cameras and surveillance IP cameras. In addition, PCIe-PoE334LP features solid surge protection design compliant with IEC 61000-4-5 Class 3. It is capable of withstanding 2 kV surge and 8 kV ESD on both power lines and signal lines. This is particularly valuable for outdoor surveillance system or factory automation equipment where power surge may happen and damage the system through the Ethernet connection.

Incorporating low-profile form-factor and robust surge protection, PCIe-PoE334LP defines a new category of PoE card - a small yet strong one for server computers and the tough world.

## Specifications

<b>Bus Interface</b>	x4, Gen2 PCI Express
<b>Gigabit Ethernet Port</b>	4x GigE ports by Intel® I350-AM4 controller, supporting 9.5 kB jumbo frame, teaming and IEEE 1588
<b>PoE Capability</b>	In compliant with IEEE 802.3at-2009 (PoE+), each port delivers up to 25.5 W of power 75W total power budget (due to power limitation of PCI Express bus)
<b>Cable Requirement</b>	CAT-5e or CAT-6 cable, 100 meters maximal
<b>Power Requirement</b>	Maximal 1.2 A @ 3.3 V from PCI Express bus Maximal 6.2A @ 12 V from PCI Express bus
<b>EMC</b>	CE Class A, according to EN 55022/55024 FCC Class A, according to FCC Part 15, Subpart B
<b>EMS</b>	IEC 61000-4-x Class/Level 3
<b>Operating Temperature</b>	0°C – 55°C with air flow
<b>Dimension</b>	168 mm (W) x 69 mm (H)

## Ordering Information

Model No.	Product Description
PCIe-PoE334LP	Low-profile 4-port Server-grade Gigabit 802.3at PoE+ Card with 2 kV Surge Protection