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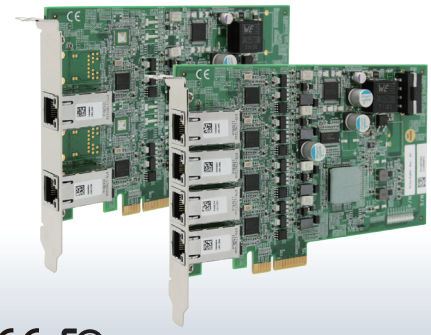
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Find the *Neousys Technology PCIe-PoE4+* at our website: *Click HERE*

PCIe-PoE4+/PoE2+

2-Port/4-Port x4 PCI-E Gigabit Power over Ethernet Frame Grabber Card



Key Features

- **x4 PCI Express® interface to support a total bandwidth of 1GB/s**
- **Supports four (PoE4+) or two (PoE2+) independent GigE Ports**
- **Compliant with IEEE 802.3af to deliver 15.4 W each port**
- **Supports 9 kB jumbo frame and link aggregation**
- **No external 12 VDC input needed for PCIe-PoE2+**

Introduction

Neousys PCIe-PoE2+ and PCIe-PoE4+ are x4 PCI Express GigE frame grabber cards with PoE capability. PoE, or Power over Ethernet, is a technology to supply electrical power along with data over a standard Ethernet cable. PCIe-PoE2+ offers two PoE ports and PCIe-PoE4+ offers four PoE ports via independent Intel® 82574L Gigabit Ethernet controllers.

PCIe-PoE2+ and PCIe-PoE4+ are dedicatedly designed for PoE cameras. Each port can deliver 15.4 W of power and 1000 Mb/s bandwidth over a CAT-5/CAT-6 cable of up to 100 meters. It features 9 kB jumbo frame and link aggregation, which conduct exceptional performance for continuously receiving large amount of image data. And for your convenience, we design PCIe-PoE2+ with the capability of directly drawing power from PCI-E bus so no external 12 VDC is needed.

The PoE technology significantly reduces the installation and maintenance cost by eliminating the power wire. Combining PoE and the Gigabit bandwidth, PCIe-PoE2+ and PCIe-PoE4+ are the perfect fit for your vision application!

Specifications

	PCIe-PoE2+	PCIe-PoE2+
Bus Interface	x4 PCI Express	
Gigabit Ethernet Port	2x Gigabit Ethernet ports by Intel® 82574L controllers, supporting 9 kB jumbo frame & link aggregation (teaming)	4x Gigabit Ethernet ports by Intel® 82574L controllers, supporting 9 kB jumbo frame & link aggregation (teaming)
PoE Capability	IEEE 802.3af compliant, each port delivers up to 15.4W	
Cable Requirement	CAT-5e or CAT-6 cable, 100 meters maxima	
Power Requirement	Maximal 1.6A @ 3.3V from PCI Express bus Maximal 2.8A @ 12V directly from PCI Express bus*	Maximal 2.4A @ 3.3V from PCI Express bus Maximal 5.6A @ 12V from external power plug via 4-pin power connector**
Operating Temperature	0°C ~ 60°C with air flow	
Dimension	168 mm (W) x 111 mm (H)	

** PCIe-PoE2+ is designed to directly draw 12V power for PoE devices from PCI Express bus. No external 12 VDC input is needed.*
*** PCIe-PoE4+ is designed to obtain additional 12V power for PoE devices from its on-board 4-pin power connector.*

Ordering Information

Model No.	Product Description
PCIe-PoE2+	2-Port x4 PCI-E Gigabit Power over Ethernet Frame Grabber Card
PCIe-PoE4+	4-Port x4 PCI-E Gigabit Power over Ethernet Frame Grabber Card

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