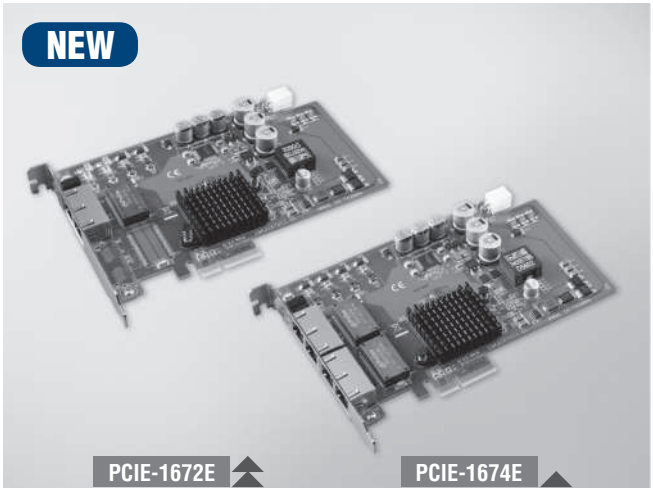
PCIE-1672
PCIE-1674

2-Port PCI Express GigE Vision Frame Grabber

4-Port PCI Express GigE Vision Frame Grabber



Features

- Intel® server-grade GbE Mac Controller
- PCI Express® x4 compliant
- PoE power from PCIe slot(Total Max. 18W)
- Powered Device (PD) auto detection and classification
- Supports IEEE 802.3u Auto-Negotiation
- Supports Jumbo frame (9,500 byte) and link aggregation
- Supports IEEE-1588 and IEEE-802.1 AS
- Per port power on/off control (PCIE-1672V/PCIE-1674V)

Introduction

The PCIE-1672/PCIE-1674 PoE (Power over Ethernet) PCIE series is PCI express Network Interface Card which supports 2 or 4 independent 10/100/1000BaseT(X) 802.3af (PoE) compliant Ethernet ports. With 12 VDC AT/ATX power input, the PCIE-1672/PCIE-1674 can boost then provides up to 15.4 watts at 48 VDC power to maximum 2 or 4 x PoE ports on each module. It allows power to be supplied to connected devices, such as PoE-based GigE cameras in machine vision inspection systems, without the need to use separate PoE injectors for those applications. The PCIE-1672/PCIE-1674 is ideally designed for scientific research instrumentations, Medical Research Instrumentations, Machine Vision System, which can also benefit from a scalable Gigabit backbone construction with Power-over-Ethernet support.

Specifications

Ethernet Communications

Compatibility	IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3x, IEEE802.3af
Speed	10/100/1000 Mbps
No. of Ports	2 or 4 Gigabit Ethernet Media Access Control (MAC) and physical layer (PHY) ports.
Port Connector	8-pin RJ45
Bus Interface	PCI Express® x4 compliant

Protection

ESD	8KV (air), 4KV (contact)
EFT	2 KV
Surge Protection	1 KV

Power Requirements

Input Voltage	12 V_{DC} direct from PCIe slot, or AT/ATX System power input
Overload Current Protection	Present
Connection	AT/ATX Power Jack
Output PoE Power	48 V_{DC} PoE Power output, total Max. 18W (total Max. 60W with AT/ATX System power input)

Environment

Operating Temperature	0 ~ 50°C (32 ~ 122°F)
Storage Temperature	-20 ~ 80°C (-4 ~ 176°F)
Operating Humidity	5 ~ 95% RH

Mechanics

Dimensions (W x D)	185 x 110 mm (7.3" x 3.9")

Certification

Patent	http://www.advantech.com/legal/patent

Ordering Information

PCIE-1672E-AE	2-port PCI Express GigE Vision Frame Grabber
PCIE-1674E-AE	4-port PCI Express GigE Vision Frame Grabber
PCIE-1672V-CE	2-port PCIe programmable power on/off Frame Grabber
PCIE-1674V-CE	4-port PCIe programmable power on/off Frame Grabber

All product specifications are subject to change without notice.