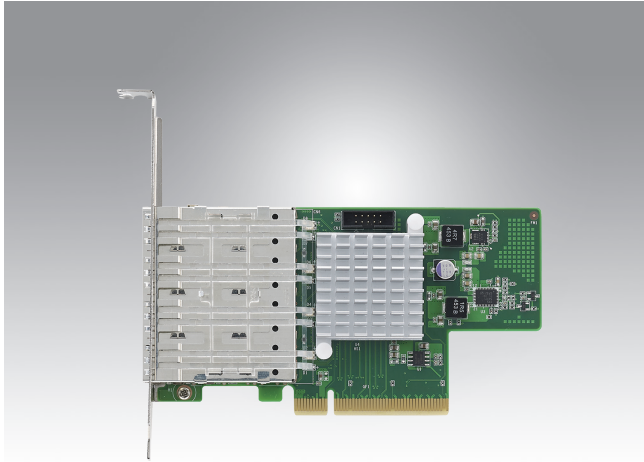


PCIE-2130

Quad Port Fiber Gigabit Ethernet PCI Express Server Adapter with Intel® I350



Features

- 1 x Intel® Ethernet Controller I350-AM4
- 4 x GbE SFP ports
- PCIe gen. 2 x4 host interface
- Supports multi-mode fiber (SX) and single mode fiber (LX) modules
- Supports SR-IOV based virtualization
- Low profile and half length form factors



Introduction

Advantech's PCIE-2130 is a low-profile quad port Gigabit Ethernet PCI Express server adapter based on the Intel® Ethernet Controller I350-AM4. By supporting a PCI Express gen. 2 x4 host interface, this adapter provides sufficient bandwidth for line rate traffic on all Gigabit Ethernet ports. Four SFP ports can be configured to support a variety of optical transceivers such as single mode SX, multi mode LX optical as well as 1G Base-T copper modules. Improved support for virtualization, including VMDq and SR-IOV make the PCIE-2130 a perfect fit for virtualized environments and applications with network overlays. PCIE-2130 can be used to achieve high densities of network interfaces on servers and platforms for networking as well as industrial applications.

Specifications

Controller	Physical Functions	Intel® I350-AM4 MAC+PHY 2
	Virtual Functions	8
Host Interface	PCI Express	4 lanes gen. 2
Network Interfaces	Ports	4 SFP cages
	LEDs (per port)	Link/Act LED (Green)
Software support	Operating Systems	Red Hat, CentOS Linux (Windows Server and FreeBSD under investigation)
	Virtualization	KVM (VMware under investigation)
Power consumption	+12V	5W
Environment	Operating Humidity	0 ~ 90%, non-condensing
	Operating Temperature	0 ~ 45° C (32 ~ 113° F)
	Storage	-40 ~ 65° C (-40 ~ 149° F)
Mechanical Specifications	Board Dimension	167 x 68.9mm (PCIe low profile)
	Bracket	Full height and low profile options available
Compliance	EMC Certifications:	FCC CE Class A

Ordering Information

Part Number	Description
PCIE-2130NP-00A1E	4-port Fiber Gigabit Ethernet PCI Express Server Adapter with Intel® I350 controller

Please contact your Advantech representative of a list of supported and validated transceiver modules.