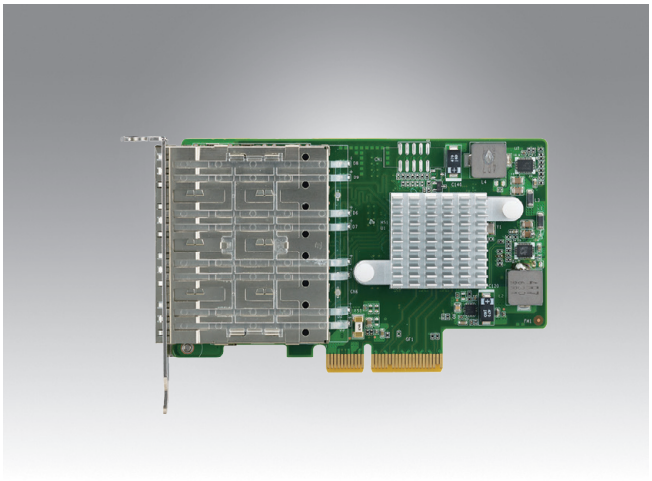
PCIE-1131

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



Features

- Intel® I350 Controller
- 4 1GbE SFP ports
- PCIe Gen.2 x4 host interface
- Advantech small form factor that is smaller than low profile form factors
- Supports multi-mode fiber (SX) and single-mode fiber (LX) modules
- Supports SR-IOV based virtualization

CE FCC RoHS COMPLIANT 2002/95/EC

Introduction

Advantech's PCIE-1131 is an Advantech small PCIE that is smaller than low-profile, form factors. The quad-port Gigabit Ethernet PCI Express server adapter is based on Intel® I350 and supports 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, as well as 1GbE Base-T copper modules. Improved support for virtualization, including but not limited to VMDq and SR-IOV, makes the PCIE-1131 a perfect fit for virtualized environments and applications with network overlays. PCIE-1131 can be used to achieve high densities of network interfaces on servers and platforms for networking as well as industrial applications.

Specifications

Controller	Controller	Intel® I350
	Physical Functions	2
	Virtual Functions	8
Ethernet	PCI Express Lanes	x4
	Speed	Gen 2
	Port Number	4
	Ports	1GbE SFP
Networking	LAN Bypass	Not supported
Power	Voltage	+12V
	Watts	5W
Mechanical Design	Board Dimension (D x W)	110 x 68.9 mm
	Bracket	Full height and half height options available
Environment	Operating Humidity	0 to 90% (non-condensing)
	Operating Temperature	0 ~ 55 °C (32 ~ 131 °F)
	Storage	-40 ~ 65 °C (-40 ~ 149 °F)
Certification	EMC	CE/FCC Class A
Compatibility	OS Version	Win7 x64 / Win10 x64 / Win2012R2 / CentOS Linux release 7.3

Ordering Information

Part Number	Description
PCIE-1131PS-00A1E	Quad Port Fiber Gigabit Ethernet PCIE Express Server Adapter with Intel® I350

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

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