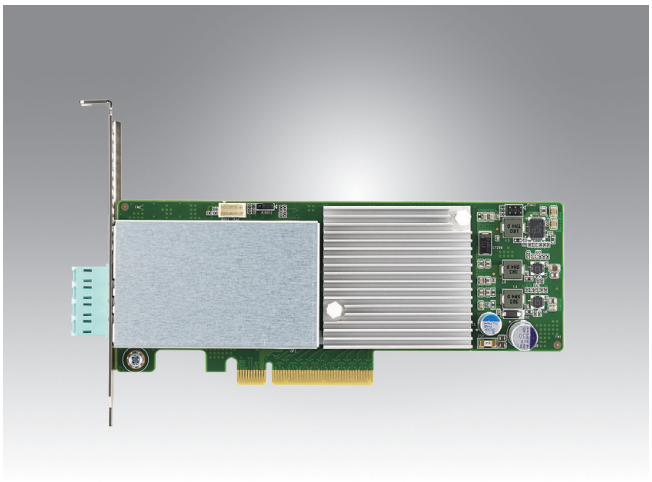
PCIE-2221BP

Dual Ports 10GbE Fiber Bypass Ethernet PCI Express Server Adapter with Intel X710-BM2



Features

- Intel® X710 Controller
- 2 ports LC (SR) fiber connector with fiber bypass module
- PCIe Gen.3 x8 host interface
- Supports LAN Bypass
- Low profile (half length) form factors
- Supports SR-IOV based virtualization

CE FCC RoHS COMPLIANT 2002/95/EC

Introduction

Advantech's PCIE-2221BP is a low-profile dual port 10GbE PCI Express server adapter based on the Intel® X710-BM2 Ethernet controller. By supporting a PCI Express gen. 3 x8 host interface, this adapter supports fiber interfaces with advanced LAN bypass. PCIE-2221BP is compliant with PCIe card form factor and can be used on Advantech network appliance platforms. Improved support for virtualization, including VMDq, SR-IOV, and VEB, makes the PCIE-2221BP a perfect fit for virtualized environments and applications with network overlays. PCIE-2221BP 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® X710
	Physical Functions	2
	Virtual Functions	64
Ethernet	PCI Express Lanes	x8
	Speed	Gen 3
	Port Number	2
	Ports	Fiber port
Networking	LAN Bypass	Supported
Power	Voltage	+12V
	Watts	8.5W
Mechanical Design	Board Dimension (D x W)	167 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	Win2012R2 / CentOS Linux release 7.3

Ordering Information

Part Number	Description
PCIE-2221BP-00A1E	2-port 10GbE fiber bypass NIC with Intel® X710 controller

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