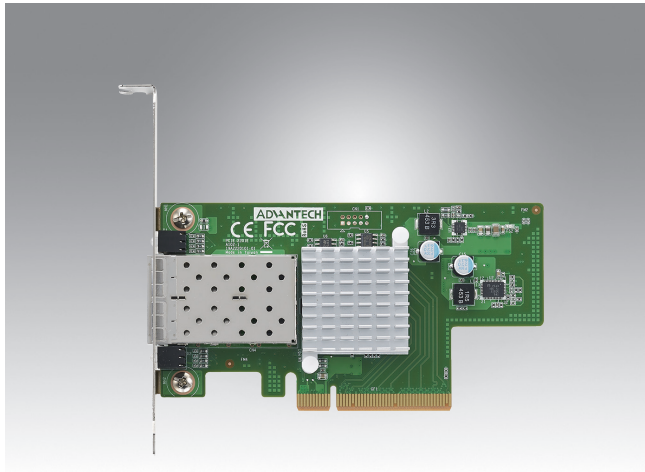


PCIE-2220

Dual Port Fiber 10GbE Ethernet PCI Express Server Adapter with Intel® 82599ES



Features

- Intel® 82599 Controller
- 2 10GbE SFP+ ports
- PCIe Gen.2 x8 host interface
- Low profile form factors
- Supports 10GBASE-SR and 10GBASE-LR modules
- Supports SR-IOV based virtualization



Introduction

Advantech's PCIE-2220 is a low-profile dual port 10GbE Ethernet PCI Express server adapter based on the Intel® 82599ES Ethernet controller. By supporting a PCI Express gen. 2 x8 host interface, this adapter provides sufficient bandwidth for line rate traffic on both 10GbE ports. Two SFP+ ports can be configured to support a variety of optical transceivers such as 10GBASE-SR and 10GBASE-LR optical modules, as well as directly attached cables. Improved support for virtualization, including VMDq and SR-IOV, makes the PCIE-2220 a perfect fit for virtualized environments and applications with network overlays. PCIE-2220 is an ideal network interface solution for multi-tenant environments, network function virtualization, and networking applications such as WAN optimization and cyber security.

Specifications

Controller	Controller	Intel® 82599ES
	Physical Functions	2
	Virtual Functions	64
Ethernet	PCI Express Lanes	x8
	Speed	Gen 2
	Port Number	2
	Ports	10GbE SFP+
Networking	LAN Bypass	Not 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 ~ 45 °C (32 ~ 113 °F)
	Storage	-40 ~ 65 °C (-40 ~ 149 °F)
Certification	EMC	CE/FCC Class A
	Certification	KCC
Compatibility	OS Version	Win7 x64 / Win2012R2 / CentOS Linux release 7.3

Ordering Information

Part Number	Description
PCIE-2220NP-00A1E	2-port Fiber 10GbE Ethernet PCI Express Server Adapter with Intel® 82599ES controller

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