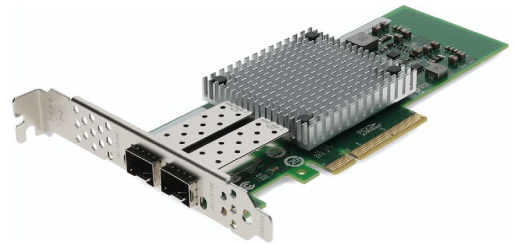**E10G42BTDA-AO**

Intel® E10G42BTDA Comparable 10Gbs Dual Open SFP+ Port PCIe 2.0 x8 Network Interface Card w/PXE boot

Features

- 2 SFP+ open port slot
- LED indicators for link/Activity Mode
- Supports 10GBase-SR, LR
- Deep packet buffer per channel lowers CPU utilization
- Controllers offload TCP/UDP/IP checksum calculations
- Small Form Factor Pluggable (SFP+) Cage for SFP+ LC connector
- Low-Profile Adapter
- Compliant with PCI Express Base Specification 2.0 Draft (5GTps)
- Supports PCIe X8 bus
- IPSEC/LinkSec Security Features

Product Description

This is an Intel® E10G42BTDA comparable 10-Gigabit Ethernet PCIe 2.0 x8 network interface card with dual open SFP+ ports that comply with IEEE 802.3 standards. It is based on an Intel 82599 chipset and is compatible with a variety of different applications and operating systems, including Windows, Linux and Unix-like systems. Providing 10Gbs of network speed, it fully supports high-end servers and various other networking applications. In addition, this card supports high level VLAN filtering. The dual open SFP+ ports allow users to choose from a range of SFP+ transceivers to accommodate multi-mode (MMF) and single-mode (SMF) fiber, granting customizable reach. This product includes both half-height and full-height brackets and supports Preboot Execution Environment booting (PXE Boot). With our certification test program, we guarantee your product will work right the first time.

Specifications

Parameter	Server Network Card	
Bus Interface	PCIe X8	
Operating Distance	Single-Mode: Multi-Mode Fiber:	10km at 9µm 550m at 50µm 550m at 62.5µm
Network Interface Type	SFP+ Slot*2 (10GBase-SR, 10GBase-LR), LC Fiber	
Transmission Speed (Mbps)	10G	
Transmission Medium Type	Fiber	
Network Standard	IEEE802.3ae (10GBase-SR, 10GBase-LR)	
Compatible Operating System	Windows Linux FreeBSD VMware	
Working Temperature	-5°C to 40°C	
Storage Temperature	-40°C to 65°C	

About AddOn Networks

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is in engrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.

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