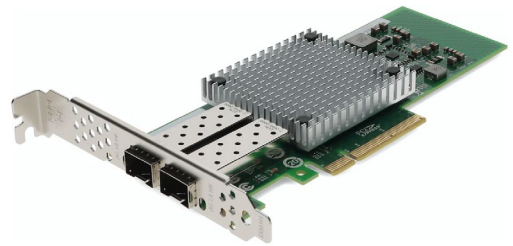**E10G42BTDA-C**

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:	10km at 9µm	
	Multimode Fiber:	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 ProLabs

Our experience comes as standard; for over 15 years ProLabs has delivered optical connectivity solutions that give our customers freedom and choice through our ability to provide seamless interoperability. At the heart of our company is the ability to provide state-of-the-art optical transport and connectivity solutions that are compatible with over 90 optical switching and transport platforms.

Complete Portfolio of Network Solutions

ProLabs is focused on innovations in optical transport and connectivity. The combination of our knowledge of optics and networking equipment enables ProLabs to be your single source for optical transport and connectivity solutions from 100Mb to 400G while providing innovative solutions that increase network efficiency. We provide the optical connectivity expertise that is compatible with and enhances your switching and transport equipment.

Trusted Partner

Customer service is our number one value. ProLabs has invested in people, labs and manufacturing capacity to ensure that you get immediate answers to your questions and compatible product when needed. With Engineering and Manufacturing offices in the U.K. and U.S. augmented by field offices throughout the U.S., U.K. and Asia, ProLabs is able to be our customers best advocate 24 hours a day.

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