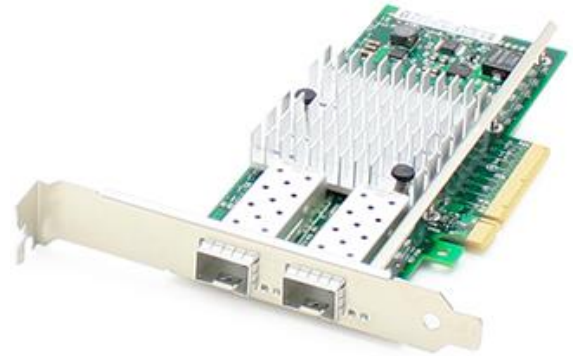


665249-B21-C  
HP 10Gbs Dual Open SFP+ Port PCIe 2.0 x8  
NIC w/PXE Boot

**665249-B21-C**  
10Gbs Dual Open SFP+ Port PCIe Network Interface Card



**Features**

- 2 SFP+ open port slot
- Chipset Intel 82599
- LEDs 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 (5GT/s)
- Supports PCIe X8 bus
- IPSEC/LinkSec Security Features

**Product Description**

This is an HP® 665249-B21 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	
<b>Bus Interface</b>	PCIe X8	
<b>Operating Distance</b>	Single-Mode:	10km at 9µm
	Multimode Fiber:	550m at 50µm 550m at 62.5µm
<b>Network Interface Type</b>	SFP+ Slot*2 (10GBASE-SR, 10GBASE-LR), LC fiber	
<b>Transmission Speed (Mbps)</b>	10G	
<b>Transmission Medium Type</b>	Fiber	
<b>Network Standard</b>	IEEE802.3ae (10GBase-SR, 10GBase-LR)	
<b>Compatible Operating System</b>	Windows Server 2012 Linux Kernel 2.6.30 or greater Windows 7 (32 and 64 bit) Windows Server 2008 R2 Windows Small Business Server 2010 Windows 8.1 (32 and 64 bit) Windows Server 2008 Final (32 and 64 bit) Windows Server 2003 Final (32 and 64 bit) Windows 8 (32 and 64 bit) Windows Server 2012 R2 (64 bit) Linux Kernel 2.4.x, 2.6.x, and 3.x FreeBSD 7.2 or later Windows Vista Final (32 and 64 bit)	
<b>Working Temperature</b>	-5°C - 40°C	
<b>Storage Temperature</b>	-40°C - 65°C	