

# **PCIe 4-Port 10G SFP+ Network Controller Card**

## **User Manual**

**Ver. 1.00**

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# Chapter 1: Introduction

## ***1.1 Product Introduction***

This PCIe 10G SFP+ Network Card is a cost-effective solution that delivers fast and reliable 10 Gbps network access at longer distances than copper-based networks. Using the SFP+ transceiver of your choice, you can connect your PCI Express-based server or workstation directly to your 10G fiber optic network.

## ***1.2 Features***

- Quad port full height 10GbE adapter
- Supports common 10GbE SFP+ optical and Direct Attached Copper modules
- EEE (Energy Efficient Ethernet)
- Up to 9K Jumbo Frames
- IP, TCP and UDP checksum offloading (IPv4, IPv6) capabilities
- Designed to meet PCI Express Specification Revision 3.0
- Eight lane (x8) PCI Express compatible with x8 and x16 PCI Express slots

- IEEE 802.1Q Tagged VLAN
- Intel PROSet Utility for Microsoft Device Manager

## ***1.3 Requirements***

### Hardware

The following system specs are recommended minimum

- PCIe slot: Available 8-Lanes PCI-Express slot gen 2.0 or later
- Processor: Quad Core 3.0GHz or higher
- RAM: 4GB memory or higher

### Software

Operating systems supported (64 bits only)

- Windows 7
- Windows Server 2008 R2
- Windows Server 2012
- Windows 8.1
- Windows Server 2012 R2
- Windows 10
- Linux 3.16 or later

## ***1.4 Package Contents***

- 1 x PCIe 10G SFP+ Network Card
- 1 x Driver CD
- 1 x User Manual

# Chapter 2: Getting Started


## ***2.1 Hardware Installation***

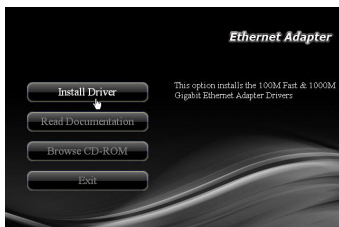
1. Turn off the power to your computer.
2. Unplug the power cord and remove your computer's cover.
3. Remove the slot bracket from an available PCIe slot.
4. To install the card, carefully align the card's bus connector with the selected PCIe slot on the motherboard. Push the board down firmly.
5. Replace the slot bracket's holding screw to secure the card.
6. Secure the computer cover and reconnect the power cord.

## ***2.2 Driver Installation***

The following section shows you how to install PCIe 10G SFP+ Network Card driver on different operating systems.

## 2.2.1 Installation for Windows

 Insert the provided CD into your disk drive. The CD-ROM will start automatically. The following screen will show up and please click “**Install Driver**”.



\*Note: Actual image may vary

**Note:** If the install program doesn't run automatically, please locate and double-click on the **Autorun.exe** file in the CD to launch the install program.

 Please click “**PCIe 10G**” to start the installation.



\*Note: Actual image may vary



Follow the instructions on screen to install the driver.