

10GBASE-T RJ-45 PCIe x4 Network Adapter

1. Introduction

Add High-Speed 10 Gbps BASE-T Ethernet 10Gigabit LAN to your PCI Express bus slot

1.1. Features

- Supports 10Gb, 5Gb, 2.5Gb networking
- Fully compliant with IEEE 802.3an (10GBASE-T), IEEE 802.3ab (1GBASE-T), IEEE 802.3u (100BASE-T), IEEE 802.3az (EEE – Energy Efficient Ethernet)
- Compliant with PCI Express Specification, revision 2.0
- PCI Express x4 Lane host interface
- RJ-45 Port offer high speed 10Gbps transmission over CAT 6a cable
- Supports NBase-T of 2.5 and 5 Gbps over Cat 5e cable
- 10Gb LED (orange = 10G, green = 5G/2.5G/1G) and LNK/ACT green LED
- Supports 10Gb, 5Gb, 2.5Gb, 1Gb, 100Mb Auto-Negotiation
- Supports IEEE 802.1Q VLAN tagging
- Jumbo Frame sizes 16K bytes
- Up to 64KB Large Send
- Supports driver for 32/64 bit Windows Win10, Win8.1, Win8, Win7, Server 2012, 2008 R2, Linux 2.6.32 and above
- Low Profile PCI Form Factor
- Regular size PCIe bracket on board and an additional Low Profile bracket included
- Require an empty PCIe x4 or x8 or x16 slot in computer

1.2. Package Contents

- 10Gigabit LAN Host Adapter



- Driver CD

2. Installation

2.1. Hardware Installation

1. Turn off desktop computer
2. Insert Host Card into an available PCIe x4 or x8 or x16 slot.
3. Connect the RJ-45 cable / plug
4. Check the Link LED in PCIe card if the cable is connected correctly

2.2. Software Installation

1. During OS boot up, Windows will display the Found New Hardware Wizard, “**Ethernet Controller**”.
2. Select “**Search for a suitable driver for my device (Recommended)**” and Click “**Next**”, and make sure the Driver CD in your CD-ROM/DVD.
3. Under “**Specify a location**” insure that is only checked, and click “**Next**”.
4. Type in X:\ (If your CD-ROM/DVD is **X:**) and click “**Browse**”.
5. Points specify a location, example “**X: \10G NIC\Windows**”, then click “**OK**”.
6. When the wizard indicates that it found a driver for the device click “**Next**”. Then click “**Finish**”.