USB 3.2 Gen 1 to Gigabit Ethernet Converter

12.99.1105

User Manual

DEAR CUSTOMER

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

1.0 INTRODUCTION

The USB 3.0 to Gigabit Ethernet Adapter is a high performance and low-cost solution. It enables Gigabit Ethernet network connection capability for desktops, ultra book with standard USB port. It resolves the trouble of the computer without Ethernet port that you can also connect computer to Ethernet through USB 3.0 port easily.

2.0 FEATURES

Single chip USB 3.0 to 10/100/1000M Gigabit Ethernet controller with Energy Efficient Ethernet (EEE). Features as below:

- Integrates on-chip USB 3.0 PHY and controller compliant to USB Spec 3.0, 2.0 and 1.1
- Supports all USB 3.0 power saving modes (U0, U1, U2, and U3)
- Supports USB Super/High/Full Speed modes with Bus-power or Self-power device auto-detect capability
- Supports IEEE 802.3az (Energy Efficient Ethernet)
- Supports parallel detection and automatic polarity correction
- Supports IPv4/IPv6 packet Checksum Offload Engine (COE) to reduce CPU loading

- Supports TCP Large Send Offload V1
- Supports full duplex operation with IEEE 802.3x flow control and half duplex operation with back-pressure flow control
- Supports IEEE 802.1P Layer 2 Priority Encoding and Decoding
- Supports Jumbo frame
- PHY loop-back diagnostic capability
- Support Wake-on-LAN Function
- Supports suspend mode and remote wakeup via link-change, Magic Packet, Microsoft Wakeup Frame and external wakeup pin
- Support windows 8, windows 7, windows vista, Apple 10.6 and Apple 10.8

2.0 SPECIFICATIONS

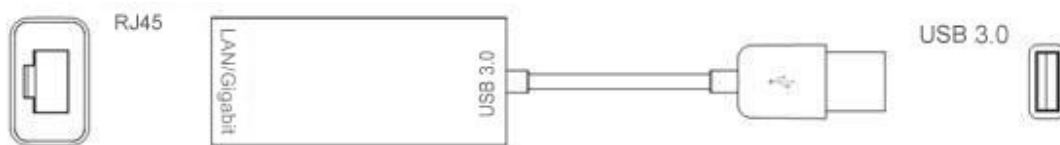| Connectors	
USB 3.0	USB Male
Ethernet	RJ45 Female
Power Requirement	
External Power Supply	No
Power consumption (Max)	0.5W

Note: Specifications are subject to change without notice.

3.0 PACKAGE CONTENTS

Before attempting to use this unit, please check the packing and make sure the following items are contained in the shipping carton:

- Main unit   x1
- User's Manual x1
- CD driver   x1

4.0 PANEL DESCRIPTIONS

1. USB3.0
Connect the port to the PC Host.

2. RJ45
Connect the port to the Ethernet Router or Networking by a Networking cable.

5.0 CONNECTION AND OPERATION

1) **Driver installation**

Drive specific installation process please refer to the CD Manual.

2) **Connection**

① Connect computer to USB 3.0 port of this product
② Connect RJ45 of this product to Ethernet Router by Ethernet cable
③ automatically or manually set IP address of computer.

5.1 CONNECTION DIAGRAM