

USB 2.5G 4-Speed Multi-Gigabit Ethernet Adapter

w/ 1x USB-A 5Gbps

User Manual

Ver. 1.00

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Chapter 1: Introduction

1.1 Product Introduction

This USB 2.5G 4-Speed Multi-Gigabit Ethernet Adapter supports data rate up to 2.5 Gbps. It is aimed at lower the cost to upgrade Gigabit Ethernet to 2.5G Ethernet. It will increase business working efficiency by increasing the network speed. It will also greatly reduce file transfer time between networked devices in a home environment, where video streaming over the network is becoming commonplace. In addition, it also adds one SuperSpeed USB 5Gbps Type-A port to your system connecting other USB devices.

1.2 Features

- Compliant with USB 3.2 Gen 1, USB 2.0 and USB 1.1
- Supports 10/100/1000/2500 Mbps Ethernet
- Supports IEEE 802.1Q VLAN tagging
- Supports IEEE 802.3az (Energy Efficient Ethernet)
- Supports IEEE 802.3bz (2.5 GBASE-T)
- Supports Full Duplex flow control (IEEE 802.3 x)
- Up to 16 KB jumbo frames
- USB port data rate up to 5 Gbps
- Backward compatible with USB 2.0 and 1.1 devices
- Downstream port: 1x RJ45
1x USB Type-A

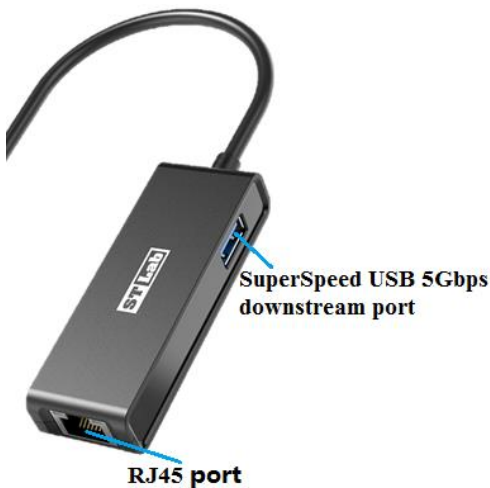
1.3 System Requirements

- Windows® 7/8/8.1/10 (32/64 bit)
- Linux 4. x or later
- macOS 10.15 later

1.4 Package Contents

- 1 x USB 2.5G 4-Speed Multi-Gigabit Ethernet Adapter
w/ 1x USB-A 5Gbps
- 1 x User Manual

1.5 Hardware Description



- When the LED is lit orange, 2.5G link is established.
- When the LED is lit green, 10 /100M/1000M link is established.

- Flashing orange or green indicates activity (transmitting or receiving data over the Ethernet port).

Chapter 2: Getting Started

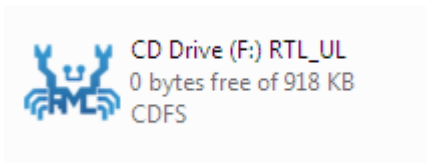
2.1 Network Driver Installation

When connecting the adapter on a computer running Windows, a virtual CD-ROM drive will pop up and network driver installation will begin. If the driver doesn't install automatically or the computer is running OS other than Windows, you need to follow below instructions to download the driver manually.

1. Navigate to www.sunrichtech.com.hk and enter ordering code (U-2390, U-2410) in the search field.
2. Click the "Manual & Download" tab.
3. Click "Download Drivers" and select the driver that matches system OS, download will begin.
4. Extract the content of the downloaded file into a folder for driver installation.

2.1.1 Installation for Windows

1. Plug the USB 2.5G 4-Speed Multi-Gigabit Ethernet Adapter directly into an available USB port on your computer. The CD-ROM will start automatically. The following screen will show up and please click “**CD-ROM**”.



2. Follow the instructions on screen to install the driver.

2.1.2 Installation for Mac OS

1. Extract the file from the "MAC" folder. Then double click "**RTUNICvx.x.x.dmg**" to launch the driver installer.
2. Follow the on-screen instructions to install the driver. After driver installation is complete, you must restart your computer.

2.1.3 Installation for Linux

1. Extract the compressed driver source file to a certain directory by the following command: (Please copy the driver file from the download driver folder to a certain folder on hard drive)
`# tar r x.tar`
2. Now, the driver source files should be extracted under the current directory. Executing the following command to compile the driver:
`# make`
3. If you want to use modprobe command to mount the driver, executing the following command to install the driver into your kernel:
`# make install`