USB 3.0 to Gigabit Ethernet Adapter
User Reference Guide

Introduction

The *USB 3.0 to Gigabit Ethernet Adapter* easily adds an RJ45 Gigabit Ethernet port to a USB-enabled system.

Key Features and Benefits

- Adds a reliable wired Gigabit Ethernet port (RJ45) to your Windows or Mac system through USB connection
- Supports SuperSpeed USB 3.0 data transfer rate with high performance packet transfer rate
- Supports full duplex with flow control and half duplex with back pressure operation
- Supports MDI/MDIX auto-crossover, Wake-on-LAN, IEEE 802.3az (EEE) and Jumbo Frame

Specifications

Chipset	Realtek RTL8153
Host Interface	USB 3.0
Connectors	USB 3.0 Type-A, Male (Input) RJ45 Gigabit Ethernet, Female (Output)
Compatible Networks	10/100/1000 Mbps
Power	USB Bus-powered
Color	Black
Dimensions	2.76" (W) x 0.67" (H) x 1.22" (D)
Weight	0.09lbs (40g)

System Requirements

- Desktop or notebook computer with an available USB port (USB 3.0 recommended)
- Windows® 10 (32-/64-bit) / 8.x (32-/64-bit) / 7 (32-/64-bit) / XP (32-/64-bit)
- Windows Server® 2012 R2 / 2012 / 2008 R2 / 2003 (32-/64-bit)
- Mac OS X® 10.12 to 10.6

Package Contents

- *USB 3.0 to Gigabit Ethernet Adapter*
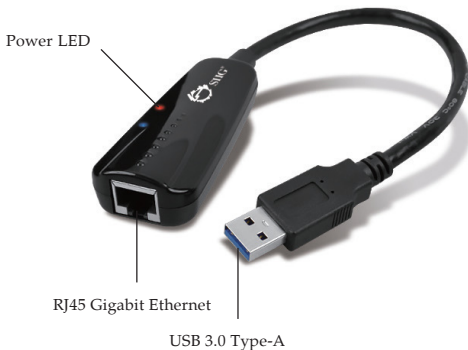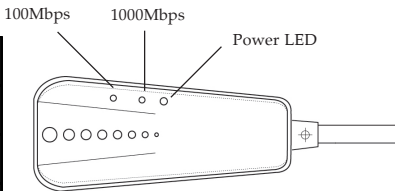- User Reference Guide

Product Layout

Figure 1: USB 3.0 to Gigabit Ethernet Adapter

- **USB 3.0 Type-A**: Connects to an available USB port
- **RJ 45 Gigabit Ethernet:** Connects to a router via an Ethernet cable (not included)
- **Power LED (Red):** ON when plugged into a USB port

- **Connection & Activity LEDs (x2):** ON when connected to a network; blink when network activity is detected

LED Indicator	Speed Of Internet
No LED	10Mbps
Blue LED	100Mbps
Green LED	1000Mbps

Note: There's no LED indicator for 10Mbps mode

Windows Installation

Windows 10 / 8.x / XP (32-/64-bit) / Server 2003
These OSes have built-in driver support for this *adapter*. Simply plug in the *adapter* and the driver will load automatically.

Windows 7 / Server 2012 R2 / 2012 / 2008 R2 (32-/64-bit)

> **Note:** Windows 7 with the latest service packs installed, the drivers are built-in. For Windows 7 without service pack or older service packs installed, please follow the instructions below.

1. Insert this *adapter* to an available USB port and verify the Power LED is lit.
2. An Autoplay pop-up window will display automatically and select **Run RTK_NIC_ ....exe**. If not, go to **Computer**, **My Computer** or **This PC** on the desktop, then select the **CD Drive** under **Devices with Removable Storage**/ **Devices and drives** manually.
3. Choose **Yes** at User Account Control window (Windows 7 only) and the driver will start to install.
4. A Program Compatibility Assistant window will appear which shows "This program might not have installed correctly". Select **Cancel** to close the window. (It's a warning only, not a failed installation notice)

5. After a successful installation, the below message should pop up in the notification area of Windows' desktop.

Figure 2

6. Connect an Ethernet cable (CAT5/5e/6/7) to this *adapter* and it's ready to be used.

Windows Verification

1. Right click **Computer**, **My Computer** or **This PC** on the desktop, and select **Manage**.
2. Select **Device Manager** then expand **Network adapters** section.
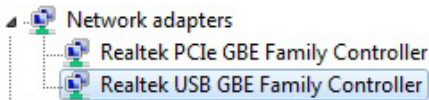3. **Realtek USB GBE Family Controller** should be displayed.

Figure 3

Mac OS Installation

1. Insert this *adapter* to an available USB port and verify the Power LED is lit. (Mac OS has built in driver and will load automatically)
2. Connect an Ethernet cable to this adapter and go to **www.siig.com** to download the latest driver. Enter part# **JU-NE0711-S1** in the search box to find this product, select it, then click **Downloads** tab and download the appropriate driver for your OS.
3. Run it and follow the on-screen steps to update the driver.
4. After restarting, the *adapter* is ready for use now.

Mac OS Verification

1. Click on the left-top corner of the taskbar and choose **About This Mac**.
2. Choose **More Info...**, then select **System Report...**.
3. Expand **USB** section (under Hardware). **USB 10/100/1000 LAN** should be displayed.

FAQ & Solutions

1. If the *adapter* is not working properly:
- Check both connections of the *adapter* are firm.
- Make sure the power LED of the *adapter* is lit after plugged into the USB port of the computer.
- Try other USB ports.
- Go to **Device Manager** to check whether the driver is installed successfully. (Refer to *Verification* for details)

2. The included burn-in driver is basic version. For details or update, where could I download the driver?
- Go to www.siig.com/download to download the driver.

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Technical Support and Warranty

QUESTIONS? SIIG's **Online Support** has answers! Simply visit our web site at *www.siig.com* and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analyst will promptly respond.

SIIG offers a 1-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for one (1) year from the date of purchase of the product. This warranty is not transferable and is available only to the original purchaser of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details.

If you encounter any problems with this product, please follow the procedures below.

A) If it is within the store's return policy period, please return the product to the store where you purchased from.

B) If your purchase has passed the store's return policy period, please follow the steps below to have the product repaired or replaced.

> **Step 1:** Submit your RMA request.
>
> Go to **www.siig.com**, click **Support**, then **REQUEST A PRODUCT REPLACEMENT** to submit a request to <u>SIIG RMA</u> or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.
>
> **Step 2:** After obtaining an RMA number, ship the product.
>
> - Properly pack the product for shipping. All accessories that came with the original package must be included
> - Include a copy of your original sales receipt inside the package with date of purchase and place of purchase circled and clearly visible
> - Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton
> - You are responsible for the cost of shipping to SIIG. Ship the product to the following address:
>
>   **SIIG, Inc.**
>   **6078 Stewart Avenue**
>   **Fremont, CA 94538-3152, USA**
>   **RMA #: _____**
>
> - SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer

About SIIG, Inc.

Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio.

SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, VARs and through e-commerce sites.

PRODUCT NAME

USB 3.0 to Gigabit Ethernet Adapter

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE

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