



TRENDNET[®]



User's Guide

TU2-ETG
H/W: V1.3R

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1. Introduction

The TU2-ETG is a Gigabit USB network adapter that allows you to instantly connect to a 10/100/1000Mbps network from a USB enabled desktop or Notebook PC. Compliant with USB 2.0 and backwards compatible with the USB 1.0 and 1.1, you can share files and printers and also gain access to broadband Internet to explore valuable resources on the web.

Features

- Compliant with USB 2.0 and 1.1 specifications
- Compliant with IEEE 802.3, 802.3u and 802.3ab standards
- Auto Negotiation & Auto-MDIX RJ-45 Gigabit Port
- Supports both full-duplex and half-duplex operations
- Supports Suspend mode and Hibernate mode to remotely wake-up through link-up or magic packet
- Compatible with Windows 2000/XP/Vista
- Powered by USB port. No external power adapter required
- Diagnostic LEDs
- Plug & Play
- 5-year limited warranty

Package Contents

Before installation, please check the items of the package.

- TU2-ETG
- CD-ROM (Driver & User's Guide)
- Multi-Language Quick Installation Guide

System Requirements

- CD-ROM Drive
- USB Port: 2.0 or 1.1
- CPU: 300MHz or above / 800MHz or above (Windows Vista)
- Memory: 256 MB RAM or above / 512 MB RAM or above (Windows Vista)
- Windows® 2000/XP/Vista

LED Status

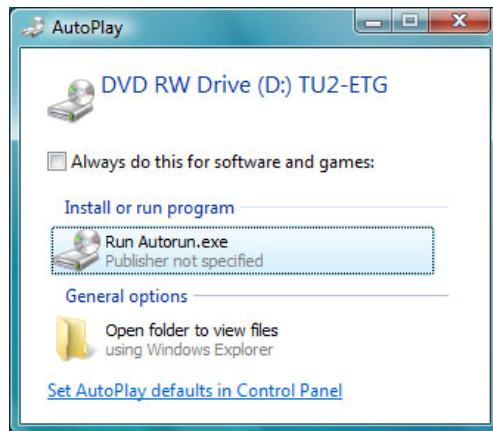
LED	Color	Status	Description
Link	Green	Off	Link is not established.
		On	Link is established.
1000Mbps	Green	Off	Link is not established Link to 10/100Mbps network.
		On	Link to 1000Mbps network.
		Blinking	There is 1000Mbps traffic flow over the network.

2. Installation

Driver Installation

Note: DO NOT connect the Ethernet adapter to your computer before completing the driver installation.

1. Insert the provided CD into your disc drive.
2. Click **Run Autorun.exe** (Windows Vista only).



3. Click **Install Driver**. Then click your operating system.



4. Connect the Ethernet adapter's USB end to a free USB port of your computer.
5. Drivers will install automatically.

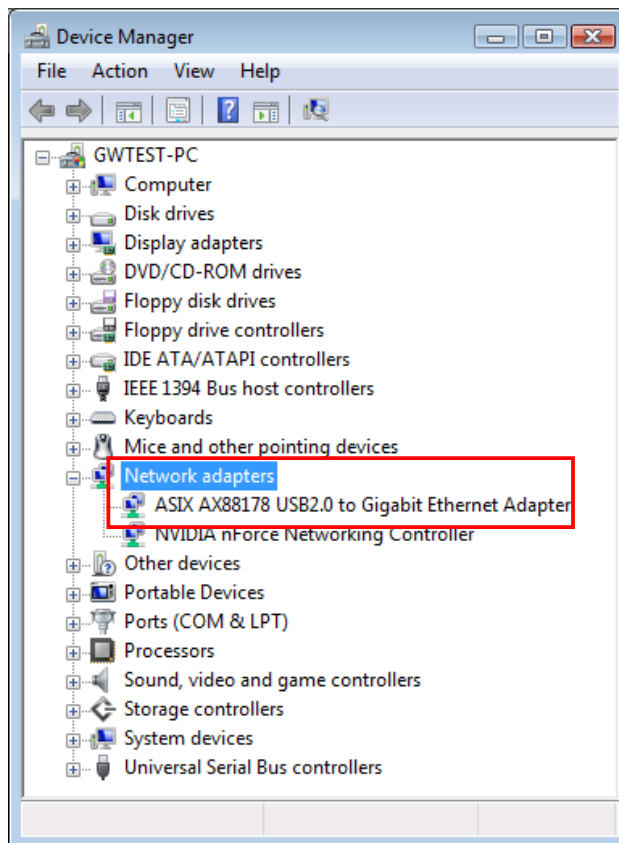
Verifying the Driver Installation in Windows

To verify your Ethernet adapter installation, please launch **Device Manager** by the steps below:

- On Windows Vista: Right-click the **Computer** icon on the desktop and select **Properties > Device Manager**.
- On Windows 2000/XP: Right-click the My Computer icon on the desktop and select **Properties > System > (Hardware) > Device Manager**.

In the **Network adapters** group, a string similar to **USB2.0 to Gigabit Ethernet Adapter** should be displayed.

If there is a question or exclamation mark next to that item, then the driver is not properly installed. Please delete the item, unplug the adapter and repeat the installation steps.



*The example screenshot is taken from Windows Vista.

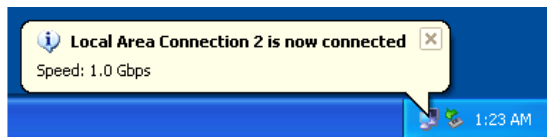
Connecting to a Network

Now you can connect your network device, e.g, switch, router, DSL/Cable modem, to the adapter's LAN port via an Ethernet cable.

Notes on Ethernet Cables

- Sometimes a so-call crossover Ethernet cable is required for connection to certain network equipments. As the adapter's LAN port supports Auto-MDIX feature, it eliminates the need to use crossover cables.
- When the Ethernet adapter is used in a Gigabit network, it's recommended that you use Category 6 Ethernet cable for higher transmission speed.

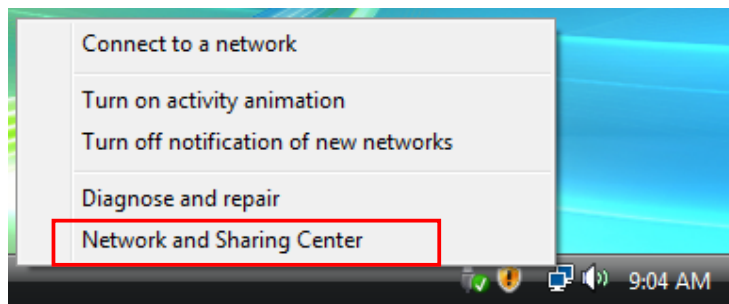
On Windows 2000/XP, upon your connection, a message pops up in the notification area indicating your connection speed.



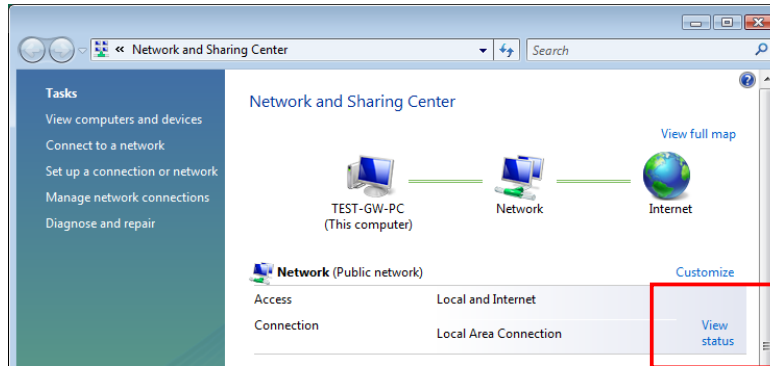
The adapter's AutoSense feature can automatically detect the network's maximum line speed. To have a 1000Mbps connection, your network device (e.g., switch, router or DSL modem) must also support 1000Mbps.

On Windows Vista, you can view the connection speed by the steps below:

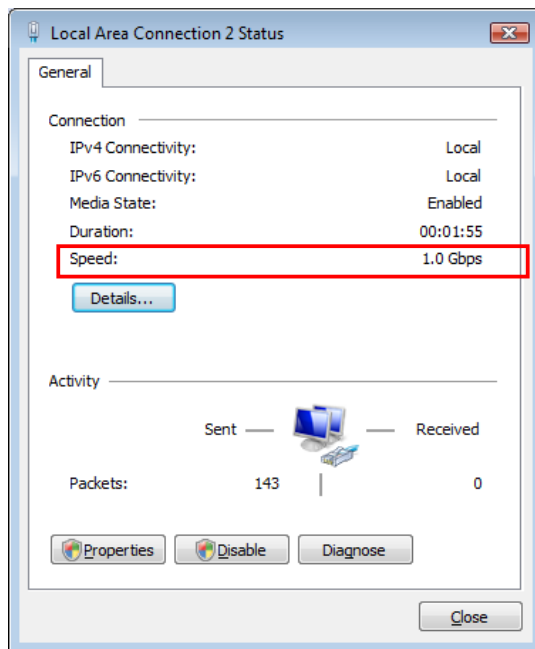
1. Right-click the network icon in the system tray and select **Network and Sharing Center**.



2. Click **View status** for the connection of your Ethernet adapter.



3. Current connection speed will be displayed among the connection information.



Configuring Network Settings

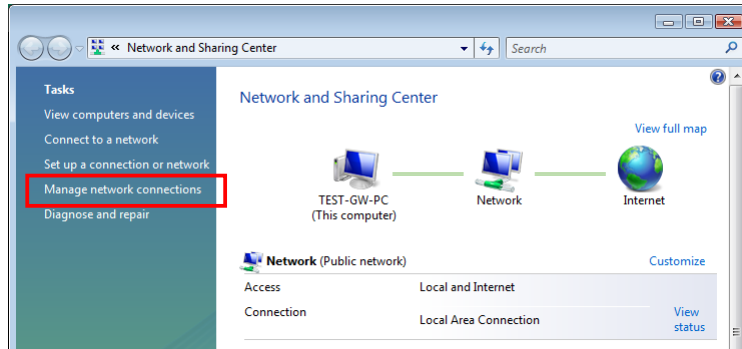
You should configure your Ethernet adapter as required according to your network environment. If you are unsure about the settings, consult your network administrator for assistance. The following describes how to launch the network settings window for your Ethernet adapter.

Windows Vista

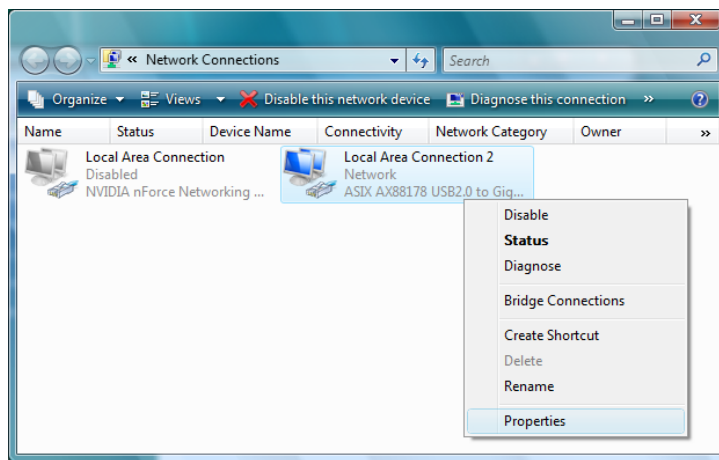
To configure network settings for your Ethernet adapter on Windows Vista:

1. Right-click the network icon in the system tray and select **Network and Sharing Center**.

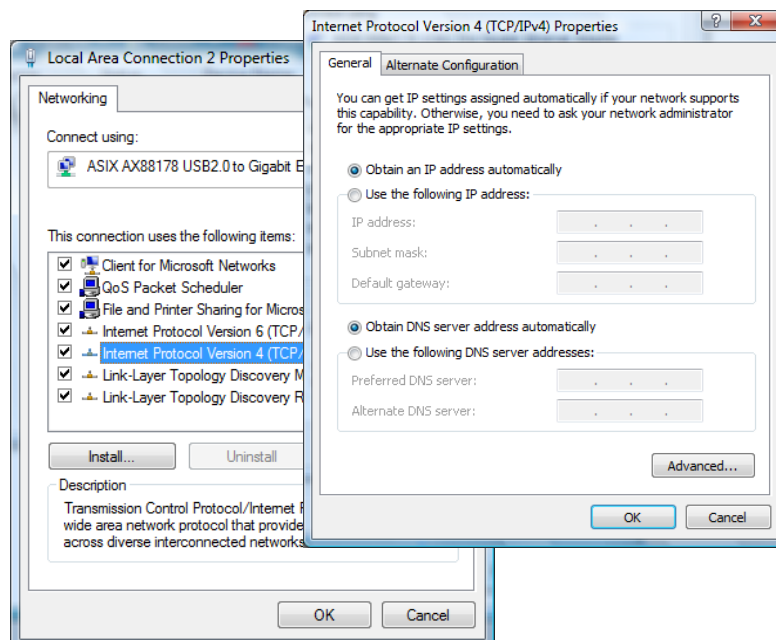
2. Click **Manage network connections**.



3. Right-click the Local Area Connection icon indicating your network adapter and click **Properties**.



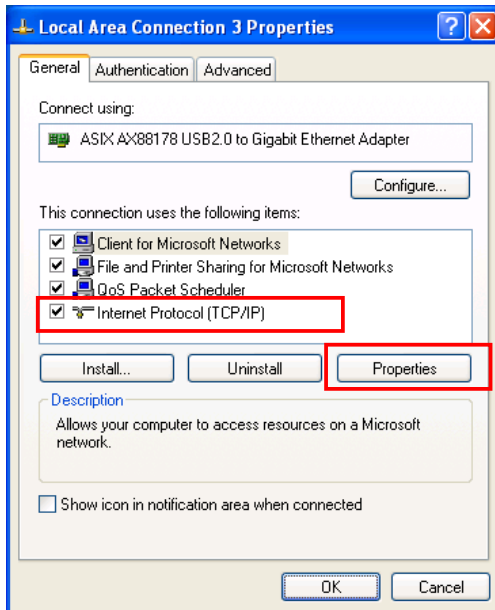
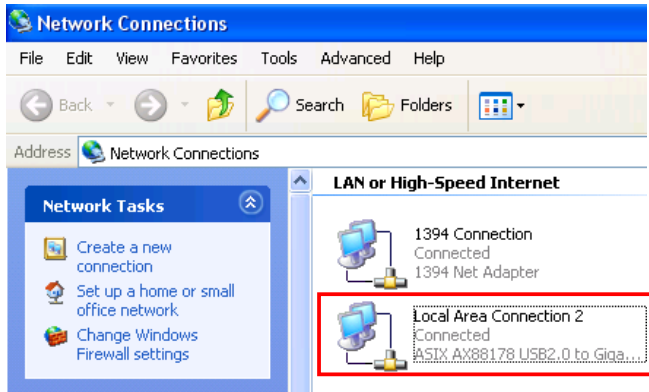
4. Then the **Local Area Connection Properties** window appears for user to make required settings.



Windows XP/2000

After the installation, a local area connection icon is automatically created for your Ethernet adapter in the **Network Connections** folder. You can access **Network Connections** folder by selecting **Start > Settings > Control Panel > Network and Internet Connections**.

In the **Network Connections** folder, double-click the connection icon for your adapter. Then the **Local Area Connection Properties** window appears.



3. Specifications

Hardware	
Standards	USB 2.0, 1.1 IEEE 802.3: 10Base-T IEEE 802.3u: 100Base-TX IEEE 802.3ab: 1000Base-T
Data Transfer Rate	Ethernet: 10Mbps/20Mbps (Half/Full Duplex) Fast Ethernet: 100Mbps/200Mbps (Half/Full Duplex) Gigabit: 2000Mbps (Full Duplex)
Embedded Buffers	20KB SRAM 20KB SRAM
Supported OS	Windows 2000/XP(32/64-bit) /Vista (32/64-bit)
LEDs	Power, Link
Power	Bus-Powered
Power Consumption	950mW
Power Management	Suspend Mode Hibernate Mode
Temperature	Operating: 0° C~ 40° C (32° F~ 104° F) Storage: -10° C~ 55° C (14° F~ 131° F)
Humidity	85% (Non-Condensing)
Certification	FCC, CE

Limited Warranty

TRENDnet warrants its products against defects in material and workmanship, under normal use and service, for the following lengths of time from the date of purchase.

TU2-ETG – 5 years limited warranty

If a product does not operate as warranted above during the applicable warranty period, TRENDnet shall, at its option and expense, repair the defective product or part, deliver to customer an equivalent product or part to replace the defective item, or refund to customer the purchase price paid for the defective product. All products that are replaced will become the property of TRENDnet. Replacement products may be new or reconditioned.

TRENDnet shall not be responsible for any software, firmware, information, or memory data of customer contained in, stored on, or integrated with any products returned to TRENDnet pursuant to any warranty.

There are no user serviceable parts inside the product. Do not remove or attempt to service the product by any unauthorized service center. This warranty is voided if (i) the product has been modified or repaired by any unauthorized service center, (ii) the product was subject to accident, abuse, or improper use (iii) the product was subject to conditions more severe than those specified in the manual.

Warranty service may be obtained by contacting TRENDnet office within the applicable warranty period for a Return Material Authorization (RMA) number, accompanied by a copy of the dated proof of the purchase. Products returned to TRENDnet must be pre-authorized by TRENDnet with RMA number marked on the outside of the package, and sent prepaid, insured and packaged appropriately for safe shipment.

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Governing Law: This Limited Warranty shall be governed by the laws of the state of California.

AC/DC Power Adapter, Cooling Fan, and Power Supply carry - 1 Year Warranty



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Product Warranty Registration

Please take a moment to register your product online.
Go to TRENDnet's website at <http://www.trendnet.com/register>

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