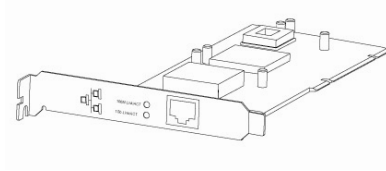


10/100/1000Mbps Gigabit Network Adapter

User's Manual



FCC Warning

This device has been tested and found to comply with limits for a Class B digital device, pursuant to Part 2 and 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates and radiates radio frequency energy and, if not installed and used in accordance with the user's manual, it may cause interference in which case users will be required to correct interference at their own expenses.

CE Warning

This is a Class B product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

Introduction

This Gigabit network adapter complies with 32-bit PCI specification and supports Half/Full-Duplex feature which can double network speed.

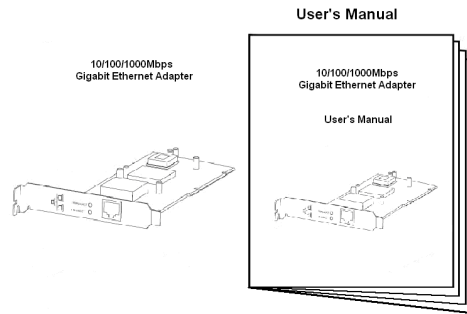
It supports 1000Mbps, 100Mbps and 10Mbps network speed. When you connect this adapter to Gigabit Switch or another Gigabit NIC, the speed will be doubled to 2000Mbps. (1000Mbps Transmitting and 1000Mbps Receiving) If you connect this adapter to 100BaseTX hub, the network speed is 100Mbps. Similarly, if the hub is a switching hub, which supports Full-Duplex function, the speed will be doubled to 200Mbps.

This Gigabit network adapter supplies many drivers including NDIS 4,5 driver for Microsoft Windows 98, Me, NT, 2000, Server 2003, ME, XP, Vista, 7, Unix/Linux, and Netware Server 4/5.

Package Contents

Before you start to install this Gigabit network adapter, please verify your package that contains the following items:

- One Gigabit Network Adapter
- One User's Manual



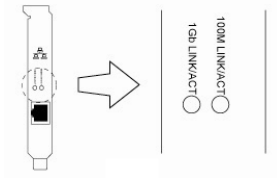
Note: If any of these items is found missing or damaged, please contact your local supplier for replacement.

Key Features

- Supports 32-bit PCI Local Bus Master Rev. 2.2 at 33/66MHz
- One RJ-45 Port with Auto-sensing of 10/100/1000Mbps
- Full-Duplex design to double the performance to 20/200/2000Mbps
- Supports Auto-negotiation
- Supports Win98/98SE/ME/2000/ Server 2003/ME/XP/Vista/7, Linux and Netware
- Supports Jumbo Packets 7K
- Built-in transmitting/receiving FIFO (32K)
- Smart plug & play

LED Definitions

LED	Status	Operation
100M LINK/ACT	On	Port is for connection
	Off	No connection.
	Flashing	Data is transmitting or receiving.
1G LINK/ACT	On	Port is for connection
	Off	No connection.
	Flashing	Data is transmitting or receiving.



Installation

Hardware Installation

To insert this Gigabit network adapter into your PC, please follow the steps below:

1. Turn off your computer and remove the computer cover.
2. Insert this adapter into a PCI slot.
3. Secure this adapter to the rear of the computer chassis and put on the computer cover.
4. Connect this adapter to network by using the twisted-pair cable.

Driver Installation

Use the drivers supplied by the diskette included in this product. For detailed description, please execute README in the root directory of the diskette provided by this product.

Note: to update the driver version, please go to the www.realtek.com.tw to download the newest driver.

Technical Specifications

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3x Flow Control
Features	PCI Local Bus Master 2.2 Smart Plug and Play 32K Transmit and Receive FIFO
Data Transfer Rate	Ethernet: 10Mbps/Half-Duplex 20Mbps/Full-Duplex Fast Ethernet:

	100Mbps/Half-Duplex 200Mbps/Full-Duplex Gigabit Ethernet: 1000Mbps/Half-Duplex 2000Mbps/Full-Duplex
Network Media	10BaseT: 2-pair UTP Cat. 3,4,5, EIA.ITA-568, up to 100 m 100BaseTX: 2-pair UTP Cat. 5, EIA/TIA-568, up to 100 m 1000BaseT: 4-pair UTP Cat. 5E, up to 100 m
LED Indicators	10/100 ACT 1000 ACT
Power Consumption	1.5 Watts (Max)
Dimensions	119 x 43 x 18 mm (L x W x H)
Weight	50 g
Operating Temperature	0 to □
Storage Temperature	-25 to 75□
Humidity	5 to 95% RH (non-condensing)
Certifications	FCC Class B, CE