Supports Full Duplex Flow Control (IEEE 802.3x)

PCI local bus single-chip Ethernet controller

Supports ACPI, PCI power management

Supports Auto-Negotiation function, Auto-detects network speed

Contains two large independent receive and transmit FIFOs

One STP/UTP connector

Provides LEDs to indicate network Link/Activity/Speed/ Duplex

Supports smart remote boot ROM

Supports Drivers for NetWare 4.x,5.x,6.x,Windows 98, Windows ME, Windows NT, Windows 2000, Windows XP, Linux

Chapter 2 Installation

Card Installation

To insert The Product into your computer, follow the steps list below.

1、Turn off the computer and remove its cover.

2、Insert TG-3269 into a PCI slot.

3、Fix the Product to the rear of the computer chassis and put the computer cover in order.

4、Connect the adapter to the network with twisted-pair cables.

Driver Installation

The required software is in the diskette.

Appendix A: Troubleshooting

If you experience any problems with the adapter, first please confirm that the appropriate driver is loaded properly,and that the cable is connected to the adapter port soundly. Then check the LED.

The Product provides LEDs to indicate network status.

10 LED, 100 LED, 1000 LED

They all indicate Link/Active/Speed status.

When the 1000 LED is lit, it indicates adapter has been linked to network with the right speed of 1000Mbps. The flash 1000 LED indicates data transmission at the responding port.The 10 LED and 100 LED are similar to the 1000 LED.

FDX LED

It indicates the status that whether or not the adapter works at full duplex mode. When the LED is lit the adapter works at full duplex mode . Otherwise the adapter works at half duplex mode.

If you have other questions, please contact our local FAE.

Appendix B: Technical Specification

Topology: Star

Connector Supported: Rj45

Standard: IEEE802.1P, IEEE802.1Q ,

　　　　　IEEE802.3 10Base-T

　　　　　IEEE802.3u 100Base-TX

　　　　　IEEE 802.3ab 1000Base-T

Transmission Rate: 10/20Mbps , 100/200Mbps, 2000Mbps

Hardware: IBM PC compatibles(It must have PCI slot)

IRQ Line: Assigned by system

I/O Address: Assigned by system

Software: Supports Drivers for NetWare 4.x,5.x,6.x, Windows 98, Windows ME, Windows NT, Windows 2000, Windows XP, Linux

Temperature: 0℃ to 40℃ (Operating)

Humidity: 10% to 90% (Non-condensing)

Power consumption: 4W(Max)

Appendix C: Contact Information

For help with the installation or operation of the TP-LINK TG-3269 Adapter, please contact us.

TP-LINK TECHNOLOGIES CO., LTD.

Add: Fl.3, Bldg.R1-B, High-Tech Industrial Park, Shennan Road, Shenzhen, China

E-mail: support@tp-link.com

Website: http://www.tp-link.com

Made in China

TP-LINK® *User's Guide*

TG-3269

Gigabit Ethernet Adapter

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FCC STATEMENT

The adapter has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Consult the dealer or an experienced radio/TV technician for help.

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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

EC DECLARATION OF CONFORMITY (EUROPE)

In compliance with the EMC Directive 89/336/EEC, the adapter meets the requirements of the following standards:

EN55022

EN55024

SAFETY NOTICES

⚠ **Caution:**

Do not use this product near water, for example, in a wet basement or near a swimming pool.

Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.

Thank you for purchasing TP-LINK TG-3269 10/100/1000M Gigabit Ethernet Adapter. This document provides detailed guidelines to install and use the adapter for network installers or users.

TG-3269 is a 32-bit PCI 10/100/1000Mbps NWay Gigabit LAN adapter. TG-3269 provides extremely fast data transfer rates up to 2000Mbps at full duplex mode for high bandwidth usage in areas such as network servers, workstations, Storage Area Networks (SANs), Network Attach Storage (NAS) and high-speed video streaming.

This manual is divided into two chapters and two appendices. The following summarizes the contents of the chapters and appendices.

Chapter 1 Introduction

Hardware Overview

TG-3269 is a highly integrated and cost-effective single-chip Gigabit Ethernet Adapter that provides 32-bit performance, PCI bus master capability, and full compliance with IEEE 802.3 10Base-T, IEEE802.3u 100Base-TX and IEEE 802.3ab 1000Base-T specifications. It also supports ACPI, PCI power management for modern operating systems that are capable of Operating System Directed Power Management (OSPM) to achieve the most efficient power management.

Through the aid of a VLAN membership, TG-3269 adheres to the 802.1Q for multiple VLAN support, and 802.1P for packet prioritization. With 802.1Q support, server resources can be shared with multiple VLANs when used in conjunction with any 802.1Q-enabled Switch. With the 802.1p support, TG-3269 allows a range of

Ethernet packets to be prioritized from a critical to a non-critical designation through a priority tag.

TG-3269 supports Full Duplex operations at 20/200/2000 Mbps data speeds used in conjunction with 802.3x flow control support. With 802.3x flow control TG-3269 uses both asymmetric and symmetric functions via the MAC control pause function. Any participating 802.3x flow control node can be controlled by initiating a pause control to stop incoming network traffic, to further reduce network congestion.

By default TG-3269 supports the standard 1518 Byte frame size. In addition, TG-3269 can also be configured to use a maximum Jumbo Frame size of up to 7680Bytes.

It includes an interface for a boot ROM and can be used in diskless workstations, providing maximum network security and ease of management.

Also, being PCI 2.2 compliant, TG-3269 works with 32-bit 33Mhz PCI busses. This compatibility provides users with an easy migration path to increase performance between servers and workstations for large file transfer, video editing and server clustering for data intensive applications.

Features & Advantages

Integrated Ethernet MAC, Physical chip and transceiver in one chip

Complies with the IEEE802.1P, IEEE802.1Q, IEEE802.3 10Base-T, IEEE802.3u 100Base-TX and IEEE802.3ab 1000Base-T standard

Compliant to PCI Revision 2.1/2.2