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TP-Link TG-3468

TP-Link 10/100/1000Mbps Gigabit Ethernet PCI Express Network Card (TG-3468) User Manual

Model: TG-3468

1. INTRODUCTION

The TP-Link TG-3468 32-Bit Gigabit PCI Express Network Adapter is designed to connect your desktop computer to a high-speed wired network. This adapter offers a cost-effective and highly integrated solution for upgrading your network connectivity to Gigabit Ethernet speeds.

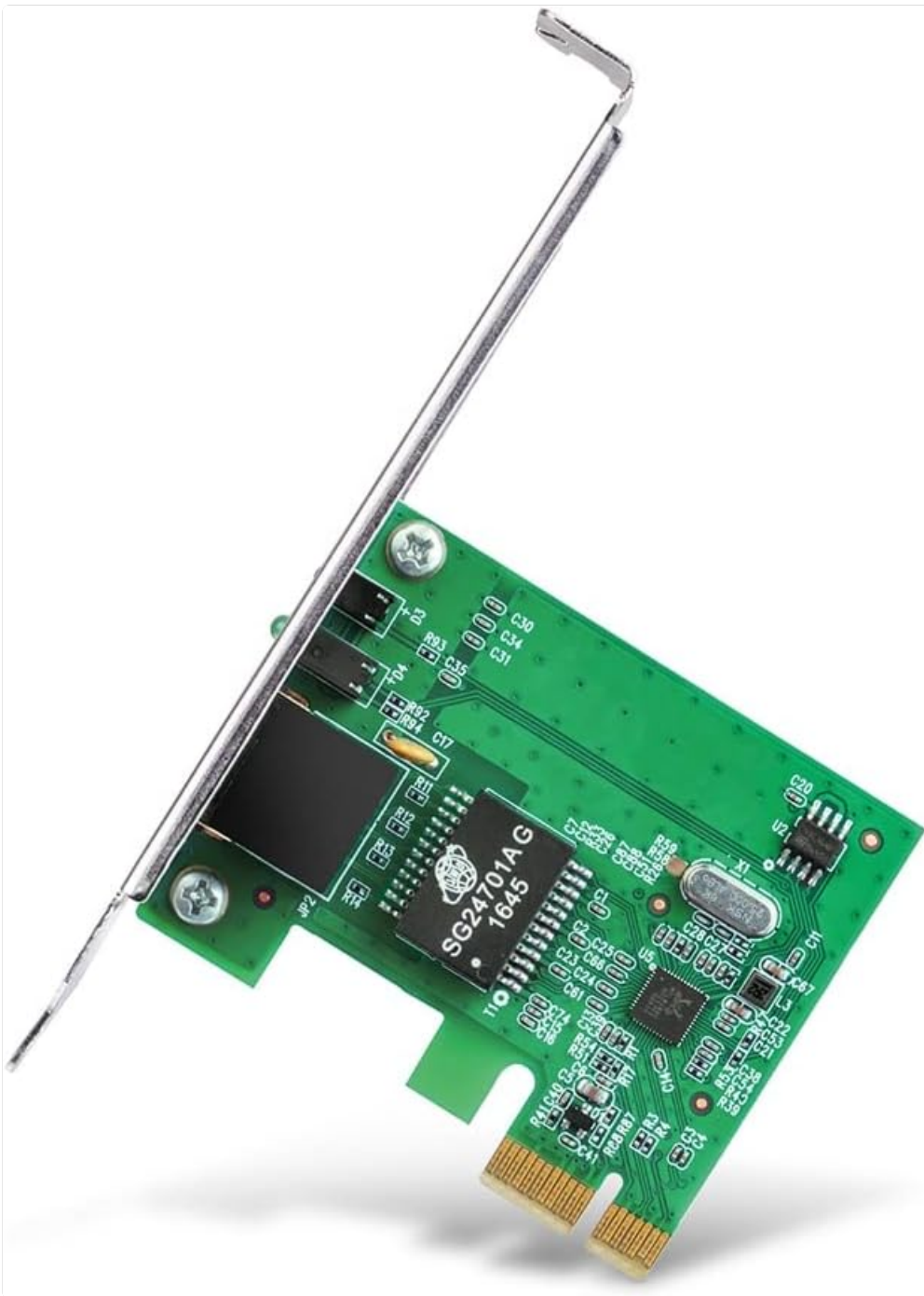


Image: Front view of the TP-Link TG-3468 Gigabit PCI Express Network Card.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- PCI Express Adapter TG-3468
- Low-profile Bracket
- Quick Installation Guide
- Resource CD



Image: The retail packaging for the TP-Link TG-3468 network adapter, showing the product and key features.

3. SETUP AND INSTALLATION

Follow these steps to install your TP-Link TG-3468 network adapter:

1. **Locate an available PCI-E slot:** Power off your computer and open its case. Identify an empty PCI Express slot on your motherboard.
2. **Insert the adapter:** Carefully insert the TG-3468 adapter into the chosen PCI Express slot until it is firmly seated. Secure it with the case screw if applicable.
3. **Install the software:**
 - Insert the provided Resource CD into your computer's optical drive and follow the on-screen instructions to install the drivers.
 - Alternatively, download the latest drivers from the official TP-Link website: www.tp-link.com/en/download/TG-3468.html#Driver
4. **Connect to the network:** Once the drivers are installed, connect an Ethernet cable from your router or

modem to the RJ45 port on the TG-3468 adapter.

5. **Power on:** Close your computer case and power it on. The network adapter should now be recognized and operational.



Image: Visual guide illustrating the three main steps for easy setup: locating a PCI-E slot, installing software from CD or download, and connecting to the network.

4. OPERATING FEATURES

The TG-3468 network adapter offers the following key functionalities:

- **10/100/1000Mbps Throughput:** Supports ultra-fast Gigabit Ethernet speeds for high-bandwidth applications.
- **Wake-on-LAN (WoL):** Allows you to power on your computer remotely over the network.
- **Auto-Negotiation and Auto MDI/MDIX:** Automatically detects and configures the correct speed and duplex mode, and eliminates the need for crossover cables.
- **IEEE 802.3x Flow Control:** Provides reliable data transmission for Full-duplex mode and backpressure for Half-duplex mode.
- **IEEE 802.1p Layer 2 Priority Encoding and IEEE802.1q VLAN tagging:** Supports Quality of Service (QoS) and VLAN features for network management.
- **Power Down/Link Down Power Saving:** Reduces power consumption when the network link is inactive.

5. COMPATIBILITY

The TG-3468 network adapter is compatible with a wide range of Windows operating systems:

- Windows XP (32/64-bit)
- Windows Vista (32/64-bit)
- Windows 7 (32/64-bit)
- Windows 8 (32/64-bit)

- Windows 8.1
- Windows 10
- Windows 11



Image: Icons representing Windows 10, 8.1, 8, 7, and 11, indicating broad operating system compatibility for the network adapter.

6. SPECIFICATIONS

Feature	Detail
Model Number	TG-3468
Hardware Interface	PCI Express, Ethernet
Data Transfer Rate	10/100/1000 Mbps (Gigabit)
Data Link Protocol	Giga, IEEE 802.1p
Compatible Devices	Desktop PCs
Dimensions (L x W x H)	6.3 x 1.1 x 5.31 inches (6.3"L x 5.31"W x 1.1"H)
Item Weight	3.52 ounces
Color	Green
Country of Origin	Vietnam
UPC	767531764145

7. TROUBLESHOOTING

If you encounter issues with your TG-3468 network adapter, consider the following:

- **No Network Connection:**
 - Ensure the adapter is securely seated in the PCI-E slot.
 - Verify that the Ethernet cable is properly connected to both the adapter and your network device (router/modem).
 - Check if the network drivers are correctly installed. Reinstall them if necessary from the provided CD or TP-Link's website.
 - Test with a different Ethernet cable or port on your router/modem.
- **Slow Network Speed:**
 - Ensure your router/modem and Ethernet cables support Gigabit speeds (Cat5e or higher).
 - Update the network adapter drivers to the latest version from the TP-Link website.
 - Check for network congestion or interference.
- **Adapter Not Detected by OS:**
 - Confirm the adapter is fully inserted into the PCI-E slot.
 - Try installing the adapter in a different PCI-E slot if available.
 - Ensure your operating system is supported (Windows XP/Vista/7/8/8.1/10/11).

For further assistance, refer to the official TP-Link support resources.

8. WARRANTY AND SUPPORT

TP-Link provides industry-leading support for its products:

- **Warranty:** The product comes with a 2-year warranty.
- **Technical Support:** Free 24/7 technical support is available.

For detailed warranty information and to access technical support, please visit the official TP-Link website or contact their customer service.

Official TP-Link Store: [TP-Link Store on Amazon](#)