

**902867-001**

# Generic X550-T2 Dual Port 10GB Ethernet Adapter User Manual

Model: 902867-001

## INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, and maintenance of your Generic X550-T2 Dual Port 10GB Ethernet Adapter. Please read this manual thoroughly before installation and retain it for future reference.

## SAFETY INFORMATION

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- Ensure your computer is powered off and unplugged from the wall outlet before installing or removing the adapter.
- Discharge any static electricity from your body by touching a grounded metal object before handling the adapter.
- Handle the adapter by its edges to avoid touching components on the circuit board.
- Do not expose the adapter to moisture or extreme temperatures.

## PACKAGE CONTENTS

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Verify that all items are present in the package:

- Generic X550-T2 Dual Port 10GB Ethernet Adapter
- Low-profile bracket (if applicable, for small form factor PCs)
- Driver CD (or instructions for driver download)



Image 1: The X550-T2 Dual Port 10GB Ethernet Adapter, showing the main board and included brackets.

## SETUP AND INSTALLATION

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1. **Power Off System:** Shut down your computer completely and unplug the power cord from the wall outlet.
2. **Open Computer Case:** Remove the side panel of your computer case to access the motherboard.
3. **Locate PCI-E Slot:** Identify an available PCI Express (PCI-E) x4 or larger slot on your motherboard.
4. **Remove Slot Cover:** Carefully remove the metal slot cover corresponding to the chosen PCI-E slot on the back of your computer case.
5. **Install Adapter:** Align the adapter with the PCI-E slot and firmly press it down until it is securely seated. Ensure the bracket is flush with the case opening.
6. **Secure Adapter:** Use a screw to secure the adapter's bracket to the computer case.
7. **Close Case:** Replace the computer case side panel.
8. **Reconnect Power:** Plug the power cord back into the wall outlet and power on your computer.



Image 2: Close-up view of the dual RJ45 ports on the adapter, ready for network cable connection.

## OPERATING INSTRUCTIONS

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### Driver Installation

Upon first boot after installation, your operating system (e.g., Windows) may automatically detect and install the necessary drivers. If not, follow these steps:

1. **Insert Driver CD:** If provided, insert the driver CD into your computer's optical drive and follow the on-screen instructions.
2. **Download Drivers:** If no CD is provided or for updated drivers, visit the manufacturer's website (or a reputable driver download site for Generic products) and download the appropriate drivers for the X550-T2 adapter and your operating system.
3. **Install Drivers:** Run the downloaded driver installer and follow the prompts. Restart your computer if prompted.

## Network Connection

Once drivers are installed, connect your network cables:

- Connect one end of a standard RJ45 Ethernet cable to one of the ports on the X550-T2 adapter.
- Connect the other end of the Ethernet cable to your network switch, router, or directly to another 10GB Ethernet device.
- Repeat for the second port if dual connectivity is desired.
- Verify network connectivity through your operating system's network settings.

## MAINTENANCE

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- Keep the computer case clean and free of dust to ensure proper airflow and prevent overheating of the adapter.
- Periodically check for updated drivers on the manufacturer's website to ensure optimal performance and compatibility.
- Avoid physical impact or bending of the adapter.

## TROUBLESHOOTING

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### No network connectivity after installation:

- Ensure the adapter is fully seated in the PCI-E slot.
- Verify that the network cables are securely connected to both the adapter and the network device.
- Check if the drivers are correctly installed in your operating system's Device Manager. Reinstall drivers if necessary.
- Confirm that the network switch/router is powered on and functioning correctly.

### Slow network speeds:

- Ensure you are using CAT6a or CAT7 Ethernet cables for 10GB speeds.
- Verify that your network switch/router supports 10GB Ethernet.
- Update the network adapter drivers to the latest version.
- Check for other network congestion or issues on your network.

### Adapter not detected by the system:

- Reseat the adapter in the PCI-E slot.
- Try installing the adapter in a different PCI-E slot if available.
- Ensure your motherboard's BIOS/UEFI settings are configured to enable PCI-E slots.

## SPECIFICATIONS

Feature	Detail
Model Number	902867-001
Hardware Interface	Ethernet, PCI Express x4
Data Link Protocol	Ethernet
Data Transfer Rate	10 Gigabits Per Second
Ports	Dual RJ45
Compatible Devices	Desktop PCs
Compatible OS Family	Windows (and likely Linux/macOS with appropriate drivers)
Item Weight	7 ounces
Package Dimensions	8.93 x 5.78 x 1.33 inches

## WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the retailer. As this is a Generic product, specific warranty terms may vary by seller.