

## BrosTrend 5-Port 2.5G Ethernet Switch

# BrosTrend 5-Port 2.5G Ethernet Switch User Manual

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your BrosTrend 5-Port 2.5G Ethernet Switch. This unmanaged multi-gigabit switch is designed to enhance your network's performance with high-speed wired connections, ideal for gaming consoles, PCs, NAS systems, and other network devices. Its plug-and-play design ensures a straightforward setup without the need for complex software configuration.

## 2. PACKAGE CONTENTS

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Please verify that all items are present in your package:

- 1 x BrosTrend 5-Port 2.5G Ethernet Switch
- 1 x Power Adapter
- 1 x Quick Installation Guide

## 3. KEY FEATURES

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- **Blazing-Fast 2.5 Gbps Speed:** Delivers 2.5 Gbps across all 5 ports, offering 2.5 times faster performance than standard gigabit switches. Supports a switching capacity of up to 25 Gbps.
- **5 Ports for Enhanced Connectivity:** Provides five 2.5 Gbps ports for connecting multiple wired devices such as gaming PCs, consoles, laptops, smart TVs, WiFi access points, and NAS.
- **Cost-Effective Network Upgrade:** Features RJ45 ports, eliminating the need for expensive SFP transceivers and optical fiber cables, providing a practical 2.5 Gbps solution.
- **Plug and Play Operation:** Requires no software installation or configuration. Simply connect to your router and devices for immediate multi-gig connectivity.
- **Silent Operation:** The fanless design ensures quiet performance, making it suitable for any environment without disturbing work or rest.

## 4. SETUP GUIDE

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Follow these steps to set up your BrosTrend 5-Port 2.5G Ethernet Switch:

1. **Connect the Power Adapter:** Plug the included power adapter into the power interface of the Ethernet switch and then into a power outlet. The power LED indicator on the switch will illuminate green.
2. **Connect to Your Router:** Use an Ethernet cable (Cat5e or higher recommended for optimal performance) to connect any of the 5 ports on the switch to an Ethernet (LAN) port on your WiFi router. Any port on the switch

can function as an uplink port.

3. **Connect Your Devices:** Connect your wired devices (e.g., gaming PC, NAS server, WiFi 6/7 Access Point) to the remaining Ethernet ports on the switch using Ethernet cables.

The switch is designed for flexible placement. It can be placed on a desktop or mounted on a wall for maximum convenience and an organized network setup.



*Figure 1: BrosTrend 5-Port 2.5G Ethernet Switch overview.*



*Figure 2: Connect the power adapter to the switch.*





*Figure 4: Connect your devices to the switch.*

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*Video 1: Official BrosTrend 5-Port 2.5G Ethernet Switch Installation Guide. This video demonstrates the simple plug-and-play setup process.*

## 5. OPERATING INSTRUCTIONS

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The BrosTrend 5-Port 2.5G Ethernet Switch is an unmanaged device, meaning it operates automatically without requiring any software configuration or management. Once connected as described in the Setup Guide, the switch will automatically detect and negotiate the optimal speed for each connected device (2.5G/1G/100M), providing seamless network connectivity.

# Blazing-Fast 2.5 Gbps At All 5 Ports



Figure 5: All 5 ports deliver blazing-fast 2.5 Gbps speeds.

## Best Speeds for All

Auto-negotiation 3-speed connections on each port (2.5G/1G/100M) sense the link speeds and make intelligent adjustments for compatibility and best performance for all your connected devices.



2.5 Gbps 

1 Gbps 

100/10 Mbps 

Figure 6: The switch features auto-negotiation for optimal link speeds.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the switch. Do not use liquid or aerosol cleaners.
- **Ventilation:** Ensure the switch is placed in a well-ventilated area to prevent overheating. The fanless design relies on natural airflow for heat dissipation.
- **Cable Management:** Keep Ethernet cables organized and free from kinks or excessive bends to maintain optimal performance and prevent damage.

## Superior Heat Dissipation, Peak Performance

The sleek plastic case features multiple vents covering 30% of the top and 100% of the bottom and sides, ensuring optimal airflow and efficient cooling during intensive tasks.

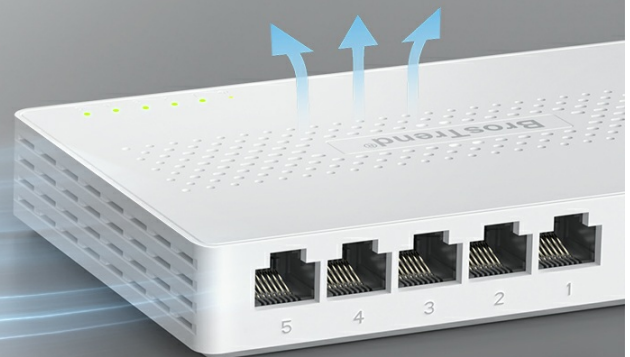


Figure 7: The switch's design promotes superior heat dissipation for peak performance.

## 7. TROUBLESHOOTING

- **No Power:** Ensure the power adapter is securely connected to the switch and a working power outlet. Check if the power LED is illuminated.
- **No Link/Activity:** Verify that Ethernet cables are securely connected to both the switch and the connected device. Ensure the connected device is powered on and functioning correctly. Try a different Ethernet cable.
- **Slow Speed:** Confirm that you are using Cat5e or higher standard Ethernet cables. Ensure your connected devices and router support 2.5 Gbps speeds to fully utilize the switch's capabilities.
- **Intermittent Connection:** Check for loose cable connections. Ensure the switch is not placed near sources of strong electromagnetic interference.

## 8. SPECIFICATIONS

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Feature	Specification
Product Dimensions	5.6"L x 3.5"W x 0.9"H
Item Weight	6.3 ounces (180 Grams)
Voltage	12 Volts (DC)
Case Material	Plastic
Operating Temperature	32 to 104 Degrees Fahrenheit (0 to 40 Degrees Celsius)
Maximum Power Consumption	12 Watts
Interface Type	RJ45
Data Transfer Rate	2.5 Gigabits Per Second
Current Rating	1 Amps
Number of Ports	5
Color	White
Compatible Devices	Any device with an Ethernet port (Gaming Computers, PCs, Laptops, Game Consoles, TVs, Wireless Access Points, NAS, Servers, etc.)

## 9. WARRANTY AND SUPPORT

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BrosTrend offers **Lifetime Protection** for this product, ensuring long-term reliability and customer satisfaction. For any technical assistance or support inquiries, please refer to the contact information provided in your Quick Installation Guide or visit the official BrosTrend website.