

## BrosTrend N300 WiFi to Ethernet Adapter

# BrosTrend N300 Universal WiFi to Ethernet Adapter User Manual

Model: N300 WiFi to Ethernet Adapter

## 1. INTRODUCTION

The BrosTrend N300 Universal WiFi to Ethernet Adapter is designed to provide wireless network connectivity to wired-only devices. This adapter connects to your existing Wi-Fi network and offers an Ethernet port to connect devices such as smart TVs, Blu-ray players, gaming consoles, printers, and desktop computers, enabling them to access the internet wirelessly.

Key features include:

- **Wireless Connectivity:** Converts Wi-Fi signal to a wired Ethernet connection.
- **Fast Ethernet Port:** Provides up to 100Mbps wired speed via an RJ45 port.
- **Universal Compatibility:** Works with a wide range of wired devices.
- **Integrated Power Supply:** Plugs directly into a wall outlet, eliminating the need for an external power adapter.
- **External Antennas:** Two external antennas enhance signal reception and stability.

## 2. PACKAGE CONTENTS

Please verify that your package contains the following items:

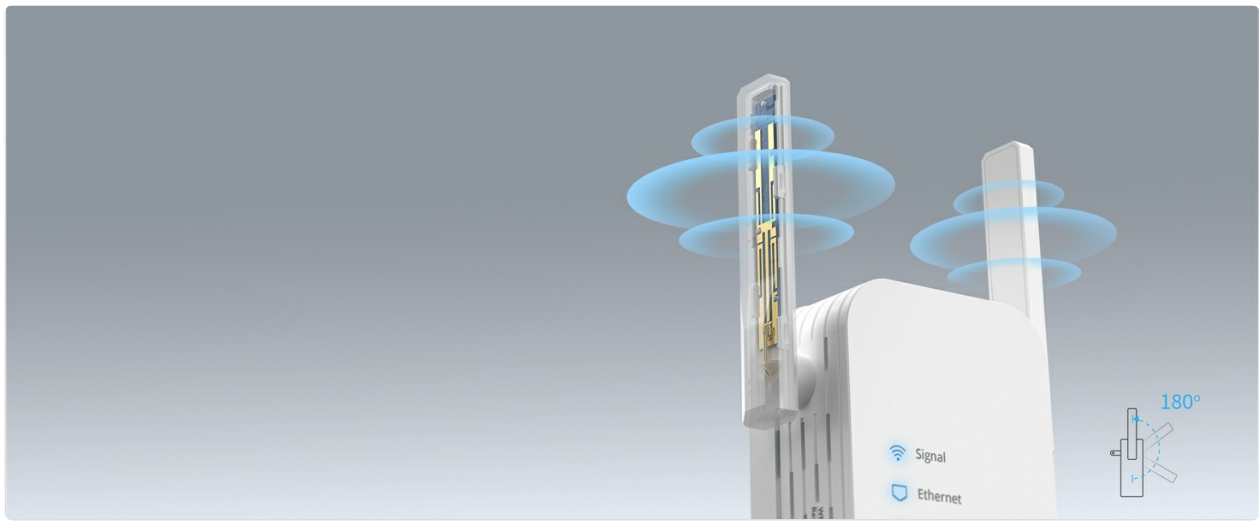
- 1 x BrosTrend N300 WiFi to Ethernet Adapter
- 1 x Quick Installation Guide
- 1 x Ethernet Cable (5 feet)

## 3. PRODUCT OVERVIEW

Familiarize yourself with the adapter's components:



**Image 3.1:** Front view of the BrosTrend N300 Adapter, showing LED indicators for Signal, Ethernet, and Internet, along with two external antennas.



**Image 3.2:** Close-up of the adapter's adjustable antennas, which can be rotated 180 degrees to optimize signal reception.

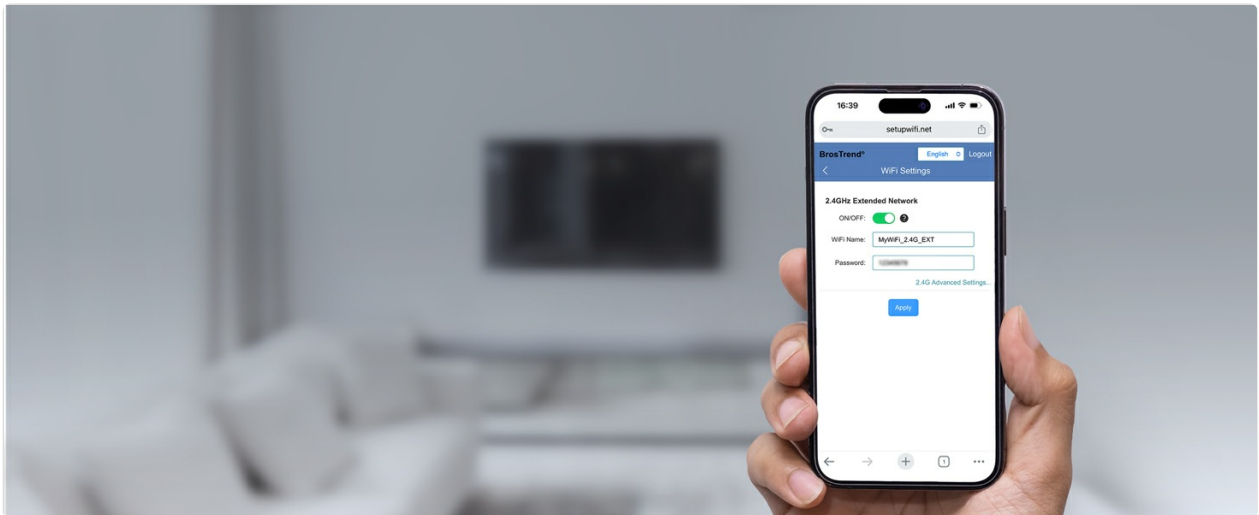
The adapter features LED indicators for Signal, Ethernet, and Internet status, providing visual feedback on its operational state.

## 4. SETUP GUIDE

Follow these steps to set up your BrosTrend N300 WiFi to Ethernet Adapter.

### 4.1 Placement Considerations

For optimal performance, place the adapter in a location where it can receive a strong Wi-Fi signal from your router. Avoid placing it near large metal objects, concrete walls, or other devices that may cause interference.



**Image 4.1:** The adapter's compact design allows it to be plugged directly into a wall outlet without obstructing adjacent sockets.

### 4.2 Connecting a Wired Device

The adapter allows various wired devices to connect to your Wi-Fi network.

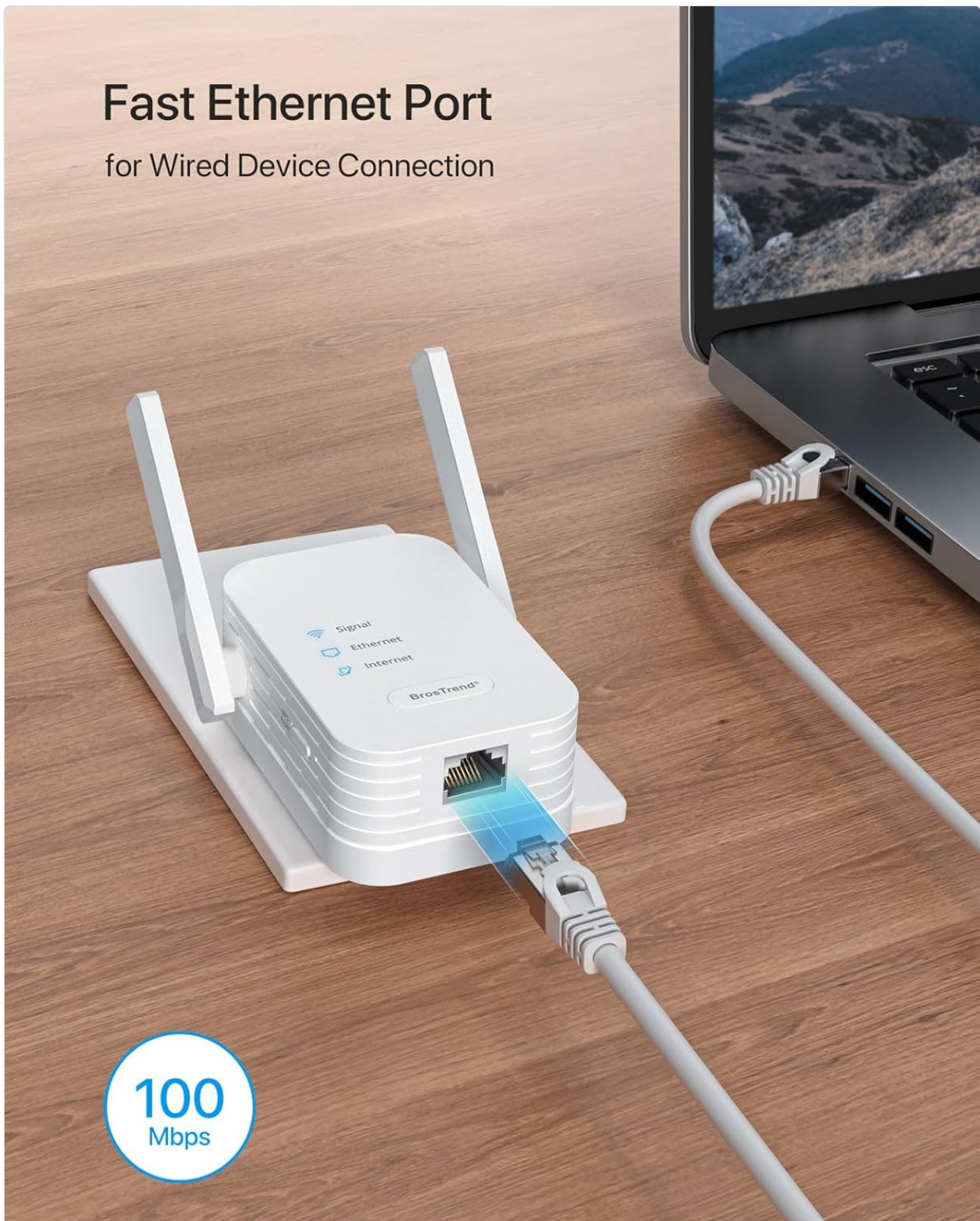
# Connect Your Wired Device to WiFi



**Image 4.2:** Example of the adapter connecting a wired printer to a Wi-Fi network.

# Fast Ethernet Port

for Wired Device Connection



**Image 4.3:** The adapter providing wired internet access to a laptop via its Ethernet port.





**Image 4.4:** The adapter enabling a smart TV to connect to the internet wirelessly.

## 4.3 Configuration Methods

The BrosTrend N300 adapter can be configured using either WPS (Wi-Fi Protected Setup) or a web browser.

### 4.3.1 WPS Setup (Recommended for quick setup)

1. Plug the BrosTrend N300 adapter into a power outlet near your Wi-Fi router.
2. Wait for the adapter to power on. The Signal LED will start blinking.
3. Press the WPS button on your Wi-Fi router.



**Image 4.5:** Locating and pressing the WPS button on your router.

4. Within two minutes, press the WPS button on the BrosTrend N300 adapter.



**Image 4.6:** Pressing the WPS button on the BrosTrend adapter.

5. The Signal LED on the adapter will turn solid blue or orange when successfully connected to your Wi-Fi network.
6. Once connected, you can unplug the adapter and relocate it to a suitable position near your wired device.
7. Connect your wired device to the adapter's Ethernet port using the provided Ethernet cable.



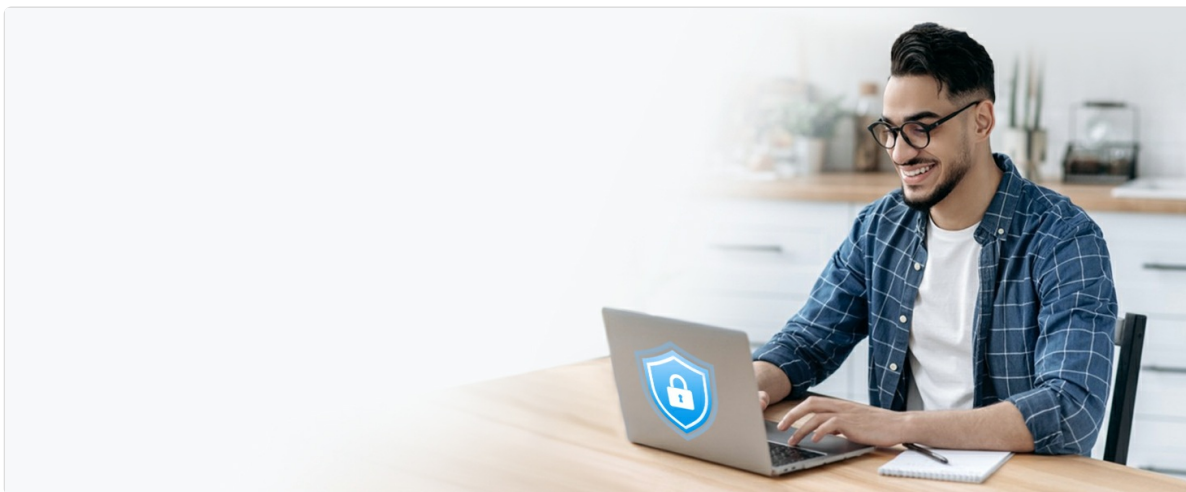
**Image 4.7:** A wired printer successfully connected to the network via the adapter.



**Image 4.8:** A laptop successfully connected to the network via the adapter.

### 4.3.2 Web Browser Setup (Alternative method)

1. Plug the BrosTrend N300 adapter into a power outlet.
2. Connect your computer directly to the adapter's Ethernet port using an Ethernet cable.
3. Open a web browser on your computer and enter the default setup address (refer to the Quick Installation Guide for the specific address, typically setupwifi.net or an IP address).



**Image 4.9:** Example of the web-based setup interface.

4. Follow the on-screen instructions to select your Wi-Fi network and enter the password.
5. Once configured, the adapter will connect to your Wi-Fi network. The Signal LED will turn solid blue or orange.
6. You can then disconnect your computer and connect your desired wired device to the adapter.

## 5. OPERATION

### 5.1 LED Indicator Status

The LEDs on the BrosTrend N300 adapter provide important status information:

**Image 5.1:** LED indicators for signal strength.

- **Signal LED:**

- **Blinking Blue:** Pairing with your existing Wi-Fi router.
- **Solid Blue:** Connected to your existing Wi-Fi router with a strong signal.
- **Solid Orange:** Connected to your existing Wi-Fi router with a fair signal. Consider relocating the adapter closer to your router for better performance.
- **Off:** Not connected to a Wi-Fi network.

- **Ethernet LED:**

- **Solid:** A device is connected to the Ethernet port.
- **Blinking:** Data is being transmitted through the Ethernet port.
- **Off:** No device is connected to the Ethernet port.

- **Internet LED:**

- **Solid:** The adapter has internet access.
- **Off:** No internet access.

## 6. TROUBLESHOOTING

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If you encounter issues with your BrosTrend N300 adapter, refer to the following common problems and solutions:

- **No Internet Access:**

- Ensure the Internet LED is solid. If not, check your main router's internet connection.
- Verify the Ethernet cable is securely connected between the adapter and your device.
- Restart both the adapter and your main router.

- **Cannot Connect to Wi-Fi Network:**

- Ensure the Signal LED is solid blue or orange. If it's off or blinking, try WPS setup again or use the web browser setup.
- Relocate the adapter closer to your Wi-Fi router to improve signal strength.
- Verify that your Wi-Fi network name (SSID) and password are correct. Some special characters in SSIDs may not be supported; simplify if possible.
- Ensure your router's Wi-Fi is enabled and broadcasting.

- **Slow Connection Speed:**

- Check the Signal LED. If it's orange, the signal is fair. Try moving the adapter closer to your router.
- Ensure there are no obstructions or interference sources between the adapter and the router.
- Confirm your wired device supports 100Mbps Ethernet.

- **WPS Setup Fails:**

- Ensure you press the WPS button on both the router and adapter within the two-minute window.
- Some routers may have a different WPS activation method; consult your router's manual.
- If WPS continues to fail, use the web browser setup method.



## 7. SPECIFICATIONS

Feature	Detail
Model Number	N300 WiFi to Ethernet Adapter
Brand	BrosTrend
Hardware Interface	802.11 b/g/n, Ethernet
Data Link Protocol	Fast Ethernet, IEEE 802.11 b/g/n
Data Transfer Rate	300 Megabits Per Second (Wireless), 100 Megabits Per Second (Wired)
Product Dimensions	2.99 x 1.97 x 4.96 inches (7.6 x 5.0 x 12.6 cm)
Item Weight	3.53 ounces (100 Grams)
Color	White
Compatible Devices	TVs, computers, printers, VoIP phones, security cameras, Blu-ray players, streaming media players, etc.

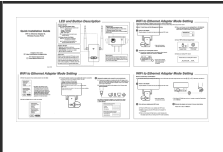
## 8. SAFETY INFORMATION

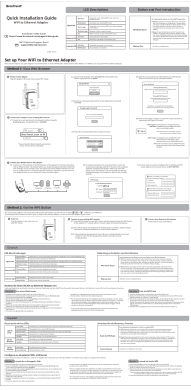
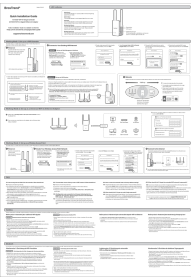
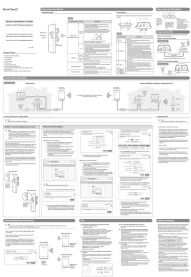
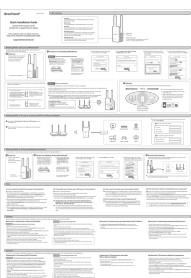
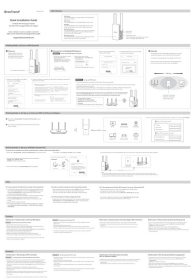
- Do not expose the device to water or moisture.
- Do not attempt to disassemble or repair the device yourself.
- Use only the power source specified for this device.
- Keep the device away from heat sources and direct sunlight.
- Ensure proper ventilation around the device.

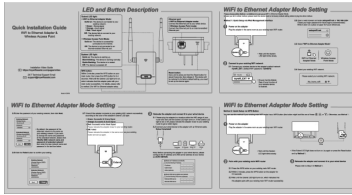
## 9. WARRANTY AND SUPPORT

BrosTrend Technology LLC manufactures this product. For warranty information and technical support, please refer to the documentation included with your purchase or visit the official BrosTrend website. Contact information for support is typically available on the manufacturer's website.

### Related Documents - N300 WiFi to Ethernet Adapter

	<p><a href="#">BrosTrend N300 WiFi to Ethernet Adapter Quick Installation Guide</a></p> <p>This guide provides instructions for setting up the BrosTrend N300 WiFi to Ethernet Adapter in WiFi to Ethernet Adapter Mode using either the Web Management Interface or the WPS button.</p>
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	<p><a href="#">BrosTrend AC9-V2 WiFi to Ethernet Adapter Quick Installation Guide</a></p> <p>Comprehensive guide for setting up the BrosTrend AC9-V2 WiFi to Ethernet Adapter using web browser or WPS methods. Includes LED descriptions, button functions, setup steps, and troubleshooting.</p>
	<p><a href="#">BrosTrend AX1500 WiFi 6 Range Extender &amp; Ethernet Adapter Quick Installation Guide</a></p> <p>Get step-by-step instructions for setting up your BrosTrend AX1500 WiFi 6 Range Extender and Gigabit Ethernet Adapter. Learn to configure it as an extender, a WiFi-to-Ethernet adapter, or a wireless access point. Includes LED indicators, FAQs, and compliance information.</p>
	<p><a href="#">BrosTrend WiFi Bridge Quick Installation Guide</a></p> <p>Comprehensive quick installation guide for the BrosTrend Outdoor CPE WiFi Bridge. Learn how to set up point-to-point wireless connections, configure network settings, and ensure optimal performance for long-range connectivity.</p>
	<p><a href="#">AX3000 WiFi 6 Range Extender &amp; Gigabit Ethernet Adapter Quick Installation Guide</a></p> <p>Quick installation guide for the BrosTrend AX3000 WiFi 6 Range Extender and Gigabit Ethernet Adapter (Model: E3/AX3). Learn how to set up the device as a WiFi extender, WiFi to Ethernet adapter, or Access Point using web interface or WPS.</p>
	<p><a href="#">BrosTrend AX1500 WiFi 6 Range Extender &amp; Ethernet Adapter Quick Installation Guide</a></p> <p>A comprehensive guide for setting up and using the BrosTrend AX1500 WiFi 6 range extender and universal WiFi to Ethernet adapter. Learn about different operating modes, setup methods (Web UI and WPS), LED indicator meanings, relocation tips, and troubleshooting FAQs.</p>



## [BrosTrend N300 WiFi to Ethernet Adapter Quick Installation Guide](#)

This guide provides instructions for setting up the BrosTrend N300 WiFi to Ethernet Adapter in WiFi to Ethernet Adapter Mode using either the Web Management Interface or the WPS button.

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