

BrosTrend AC7 WiFi to Ethernet Adapter

BrosTrend AC1200 WiFi to Ethernet Adapter User Manual

Brand: BrosTrend | Model: AC7 WiFi to Ethernet Adapter

1. PRODUCT OVERVIEW

The BrosTrend AC1200 WiFi to Ethernet Adapter is a universal wireless bridge designed to connect your wired devices to a Wi-Fi network. This adapter is ideal for devices such as smart TVs, game consoles, Blu-ray players, network printers, Raspberry Pi, Ethernet switches, and computers that lack built-in Wi-Fi capabilities. It eliminates the need for driver installation or updates, offering a simple plug-and-play solution.

Featuring AC1200 dual-band wireless speed, it supports up to 867Mbps on 5GHz Wi-Fi and 300Mbps on 2.4GHz Wi-Fi, providing fast and reliable connections for online streaming, gaming, and other high-bandwidth activities. The adapter is universally compatible with any 802.11ax/ac/a/b/g/n Wi-Fi routers and includes two angle-adjustable external smart Wi-Fi antennas for enhanced signal reception.



Figure 1: BrosTrend AC1200 WiFi to Ethernet Adapter with adjustable antennas and Ethernet port.

2. SETUP GUIDE

Setting up your BrosTrend WiFi to Ethernet Adapter is a straightforward process. You can choose between two methods: using the Web User Interface or the WPS (Wi-Fi Protected Setup) button.

2.1 Initial Placement and Power On

1. **Unbox the Adapter:** Carefully remove the WiFi bridge and any included accessories from its packaging.
2. **Plug into an Electrical Outlet:** Plug the WiFi bridge into an electrical outlet. For initial pairing, it is recommended to plug it into an outlet in the same room as your main router.
3. **Observe Power LED:** The Power LED (PWR) on the adapter should light up solid blue, indicating it is powered on.



Figure 2: The BrosTrend adapter plugged into a wall outlet, ready for setup.

2.2 Setup Method 1: Web User Interface (Recommended for detailed control)

1. **Connect to Adapter's Wi-Fi:** Using a Wi-Fi enabled device (smartphone, tablet, or PC), connect to the WiFi bridge's default network name: **BrosTrend_EXT**. No Wi-Fi password is required for this initial connection.
2. **Access Setup Page:** Once connected, your device should automatically redirect you to the quick setup page. If not, open a web browser and manually enter **re.brostromend.com** in the address bar.
3. **Create Login Password:** For security, you will be prompted to create a login password (5-32 characters) for the adapter's web interface. Remember to write this down for future access.
4. **Select Your Wi-Fi Network:** The interface will display a list of nearby Wi-Fi networks. Select the network name of your main router (your existing Wi-Fi network) that you wish to extend.
5. **Enter Wi-Fi Password:** Input the correct Wi-Fi password for your main router's network.
6. **Extend Network:** Click the "Extend" button to complete the setup. The adapter will now connect to your main router and create extended network names (e.g., **Home_Wi-Fi_A_EXT** and **Home_Wi-Fi_A_5GEXT**).

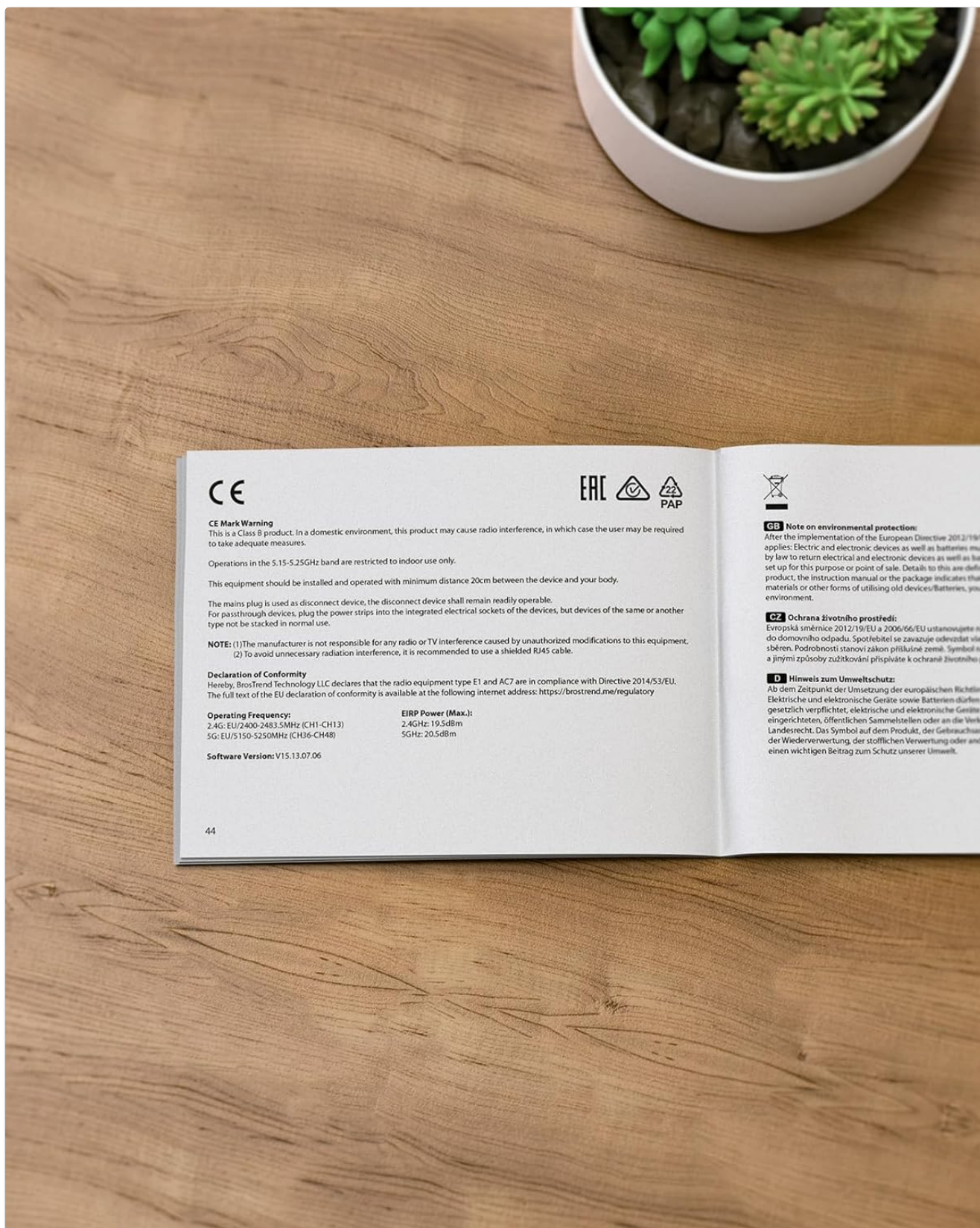


Figure 3: Visual guide for Web User Interface setup, showing connection to default network and accessing the setup page.

2.3 Setup Method 2: WPS Button (Quick Setup)

This method requires your main router to have a WPS button.

1. **Press WPS on Router:** Press the WPS button on your main Wi-Fi router. The WPS LED on your router should change its status (often blinking).
2. **Press WPS on Adapter:** Within two minutes of pressing the WPS button on your router, press the WPS button on the BrosTrend WiFi to Ethernet Adapter. The WPS LED on the adapter will blink as it attempts to pair.

3. **Connection Confirmation:** Once successfully paired, the Signal LED on the adapter will light up solid blue, indicating a strong connection.



Figure 4: Visual guide for WPS setup, illustrating pressing buttons on both router and adapter.

2.4 Video Guide: How to Set Up BrosTrend WiFi to Ethernet Adapter Easily

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Video 1: A comprehensive guide demonstrating the setup process for the BrosTrend WiFi to Ethernet Adapter, covering both Web UI and WPS methods. (Duration: 3:31)

3. OPERATING INSTRUCTIONS

Once your BrosTrend WiFi to Ethernet Adapter is successfully paired with your router, you can connect your wired devices to it via an Ethernet cable. The adapter will then provide wireless internet access to these devices.

1. **Relocate the Adapter (Optional):** After initial setup, you can unplug the adapter and move it to a more suitable location within the Wi-Fi coverage of your main router. Ensure the Signal LED remains solid blue for optimal connection. Avoid areas where the router's Wi-Fi signal is weak or unavailable.
2. **Connect Wired Device:** Plug one end of an Ethernet cable into the Ethernet port on the BrosTrend adapter and the other end into the Ethernet port of your wired device (e.g., Smart TV, printer, game console).
3. **Device Connectivity:** Your wired device should now automatically connect to your Wi-Fi network through the adapter. No additional drivers or configurations are typically needed on the wired device itself.

Connect Your Wired Device To Wi-Fi

Ethernet-2-WiFi Adapter

5GHz | **2.4GHz**
867Mbps | 300Mbps



Ethernet Cable



Wireless Router



Non Wi-Fi Ethernet Device



Figure 5: The adapter acts as a bridge, allowing wired devices to connect to your wireless network.

Works With Any Ethernet Enabled Devices

No Driver Software Installation or Update Needed

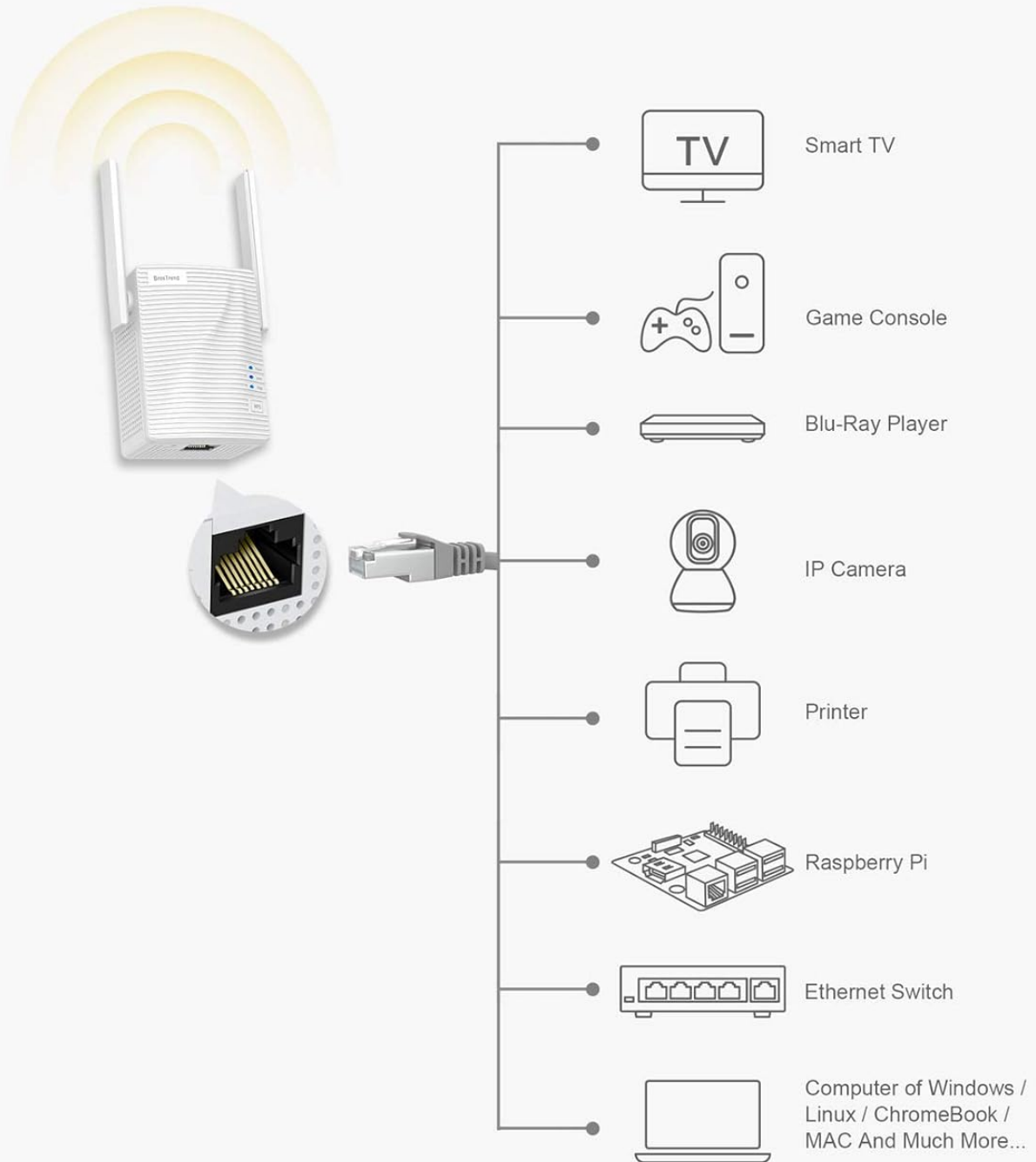


Figure 6: The adapter is compatible with a wide range of Ethernet-enabled devices, including TVs, game consoles, printers, and more.

4. MAINTENANCE

To ensure optimal performance and longevity of your BrosTrend WiFi to Ethernet Adapter, follow these general maintenance guidelines:

- **Keep Clean:** Regularly wipe the exterior of the adapter with a soft, dry cloth to remove dust. Do not use liquid cleaners or abrasive materials.

- **Ensure Ventilation:** Make sure the ventilation holes on the adapter are not blocked to prevent overheating.
- **Avoid Extreme Conditions:** Do not expose the adapter to extreme temperatures, humidity, or direct sunlight.

5. TROUBLESHOOTING

If you encounter issues with your BrosTrend WiFi to Ethernet Adapter, refer to the following common troubleshooting steps:

Problem	Possible Cause / Indicator	Solution
No internet access on wired device.	Signal LED is red.	The connection between the adapter and your main router is not optimal. Move the WiFi bridge closer to your router until the Signal LED turns solid blue.
No internet access on wired device.	Signal LED is off.	The WiFi bridge is not connected to your router. Ensure the adapter is within the Wi-Fi coverage range of your router. Try resetting the WiFi bridge to factory default settings and repeat the setup process.
Cannot access setup page (re.brostreet.com).	Not connected to the adapter's default Wi-Fi.	Ensure your Wi-Fi device is connected to the BrosTrend_EXT network. Clear your browser cache or try a different browser.
WPS setup fails.	Router WPS not active or timing out.	Ensure you press the WPS button on both the router and adapter within the 2-minute window. Verify your router's WPS function is enabled. If issues persist, use the Web User Interface setup method.



Figure 7: Optimal placement for the adapter is typically halfway between your router and the wired device, ensuring a strong signal.

6. SPECIFICATIONS

Feature	Detail
Wireless Type	5.8 GHz Radio Frequency, 802.11a/b/g/n, 2.4 GHz Radio Frequency
Brand	BrosTrend

Feature	Detail
Series	WiFi to Ethernet Adapter
Item Model Number	AC7 WiFi to Ethernet Adapter
Operating System Compatibility	Driver free for Windows 11/10/8.1/8/7/Vista/XP, macOS, Linux, Unix, Android, Chrome OS, RTOS for Printers, etc.
Item Weight	0.32 ounces
Product Dimensions (LxWxH)	0.7 x 1.21 x 0.88 inches
Color	White
Voltage	230 Volts
Manufacturer	BrosTrend
Country of Origin	China
Date First Available	September 8, 2015

7. WARRANTY AND SUPPORT

BrosTrend offers 24/7 technical support for their products. If you require any assistance with your WiFi to Ethernet Adapter, please do not hesitate to contact BrosTrend customer support. Contact information can typically be found on the product packaging or the official BrosTrend website.

BrosTrend®

Figure 8: BrosTrend is committed to providing reliable network products and customer support.