BrosTrend BrosTrend 3000Mbps WiFi 6 Extender

BrosTrend AX3000 WiFi 6 Range Extender User Manual

Model: BrosTrend 3000Mbps WiFi 6 Extender
Brand: BrosTrend

1. INTRODUCTION

The BrosTrend AX3000 WiFi 6 Range Extender is designed to expand your existing wireless network coverage, eliminate Wi-Fi dead zones, and provide high-speed internet access throughout your home or office. This dual-band extender supports the latest Wi-Fi 6 (802.11ax) standard, offering speeds up to 3000Mbps (2402Mbps on 5GHz and 574Mbps on 2.4GHz). It also features a Gigabit Ethernet port, allowing you to connect wired devices or convert a wired connection into a Wi-Fi 6 access point.

Image: Front view of the BrosTrend AX3000 WiFi 6 Range Extender.

2. WHAT'S IN THE BOX

Verify that all items are present in your package:

- 1 x BrosTrend 3000Mbps WiFi 6 Extender

- 1 x Quick Installation Guide
- 1 x Ethernet Cable (5 Feet)

Image: The BrosTrend AX3000 WiFi 6 Extender and its included accessories.

3. SETUP INSTRUCTIONS

The BrosTrend AX3000 WiFi 6 Extender offers two primary setup methods: Web UI and WPS. Choose the method that best suits your needs.

3.1. Web UI Method

This method involves connecting to the extender's Wi-Fi network and configuring it through a web browser.

1. **Power On:** Plug the WiFi extender into a power outlet in the same room as your existing WiFi router. Wait until the LED indicator blinks red slowly.

2. **Connect to Extender's Wi-Fi:** On your wireless device (phone, tablet, or computer), connect to the Wi-Fi network named "BrosTrend_EXT".

3. **Access Setup Page:** Once connected, your device should automatically direct you to the quick setup page. If not, open a web browser and enter http://brostrendwifi.com in the address bar.

4. **Create Login Password:** Create a login password for future access to the extender's settings.

5. **Choose Working Mode:** Select "Extender Mode / WiFi to Ethernet Adapter Mode".

6. **Select Networks:** Select your existing 2.4GHz and 5GHz networks that you want to extend and enter their correct passwords.

7. **Customize Extended Network:** Customize the extended Wi-Fi network name and password. Click "Extend".

8. **Relocate and Verify:** Once the extension is complete, relocate the extender to a suitable location within the WiFi range of your router. Wait until the LED indicator turns solid blue or yellow, which indicates a successful connection.

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Video: Step-by-step guide on setting up the BrosTrend AX3000 WiFi 6 Extender using the Web UI method.

3.2. WPS Method

This method is a quick and easy way to connect your extender if your router supports WPS (Wi-Fi Protected Setup).

1. **Power On:** Plug the WiFi extender into a power outlet in the same room as your existing WiFi router. Wait until the LED indicator blinks red slowly.

2. **Activate WPS on Router:** Press the WPS button on your WiFi router. The WPS LED status on your router should change.

3. **Activate WPS on Extender:** Within 2 minutes, press the WPS button on the BrosTrend extender (located on the side, near the Ethernet port).

4. **Verify Connection:** Wait until the LED indicator on the extender turns solid blue or yellow, which indicates a successful connection with your existing WiFi router.

5. **Relocate and Connect Devices:** Once connected, relocate the extender to a suitable location. You can now connect your WiFi devices to the extended networks.

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Video: Step-by-step guide on setting up the BrosTrend AX3000 WiFi 6 Extender using the WPS method.

4. OPERATING INSTRUCTIONS

The BrosTrend AX3000 WiFi 6 Extender enhances your network with advanced features:

- **High-Speed Connectivity:** Experience blazing-fast speeds of 2402Mbps on the 5GHz band and 574Mbps on the 2.4GHz band, ideal for responsive gaming, 4K/8K streaming, and seamless video conferencing.

- **Extensive WiFi Range:** Expands wireless coverage up to 2,200 sq. ft., eliminating dead zones.

- **Exceptional WiFi Signals:** Utilizes Beamforming technology, 2 high-power Front-End Modules (FEM), and 2 high-gain antennas to concentrate signal strength towards your devices.

- **Cutting-Edge Processing:** Powered by Broadcom's powerful chip and 1.7 GHz Quad-Core CPU for enhanced performance and lower latency.

- **High Capacity:** Supports up to 45 devices simultaneously, making it suitable for multi-device households.

- **WPA3 Encryption:** Provides stronger protection for your privacy and data transmitted over Wi-Fi.

- **Target Wake Time (TWT):** Integrates TWT technology to optimize power consumption and improve battery life for connected devices.

Your browser does not support the video tag.

Video: Learn more about the features and benefits of the BrosTrend AX3000 WiFi Extender.

Blazing-Fast 3000Mbps *WiFi 6* Speeds

This AX3000 WiFi 6 extender delivers up to 3000Mbps dual-band speeds for responsive gaming, flawless 4K/8K streaming, and UHD video conferencing.

574 Mbps
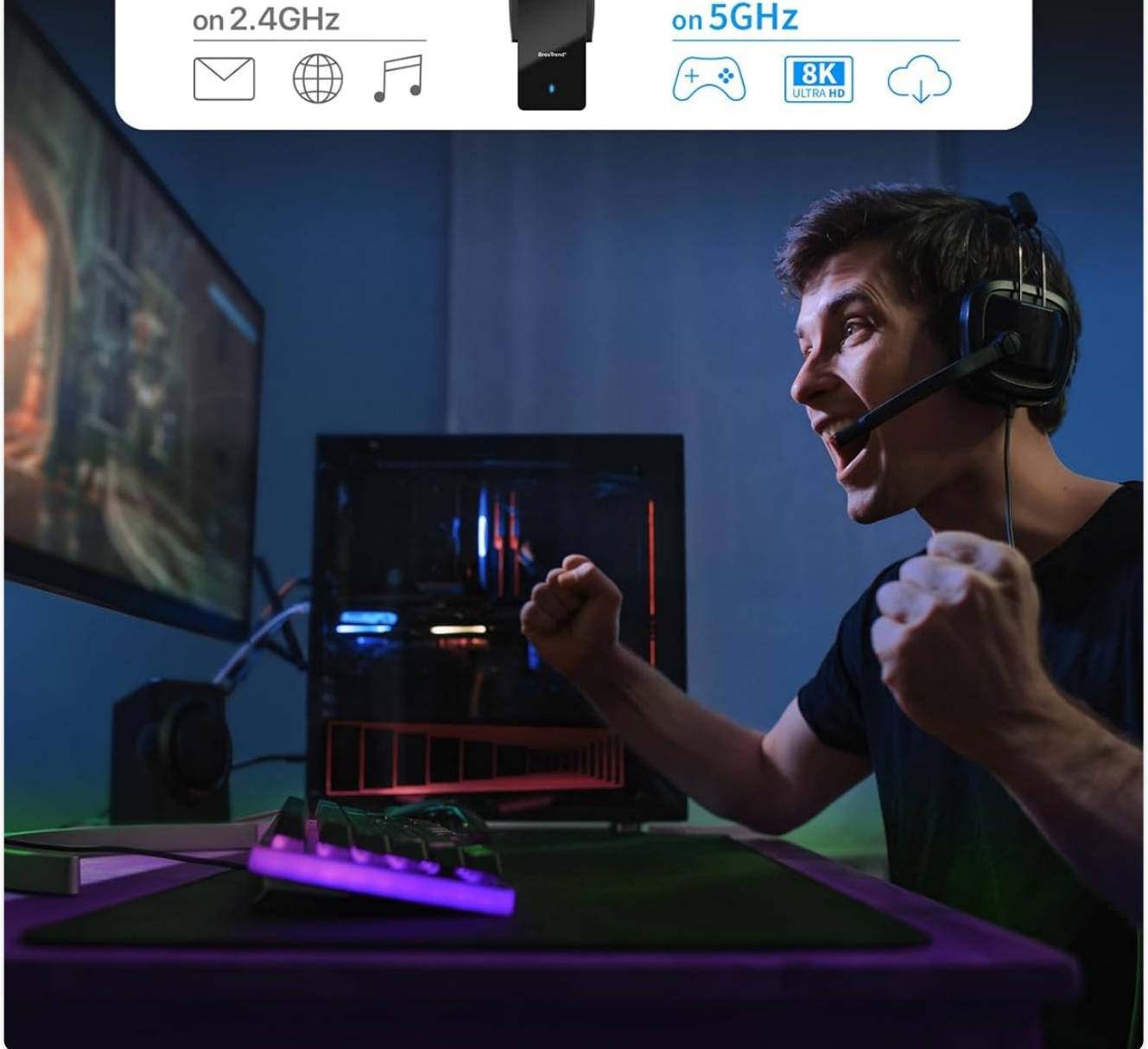on 2.4GHz

2402 Mbps
on 5GHz

8K ULTRA HD

Image: Illustrates the blazing-fast 3000Mbps WiFi 6 speeds of the extender.

Extensive Range with Powerful *WiFi 6*

Connects to your existing WiFi router and expands WiFi coverage to up to 2,200 sq. ft.

WiFi Router

WiFi 6 Extender

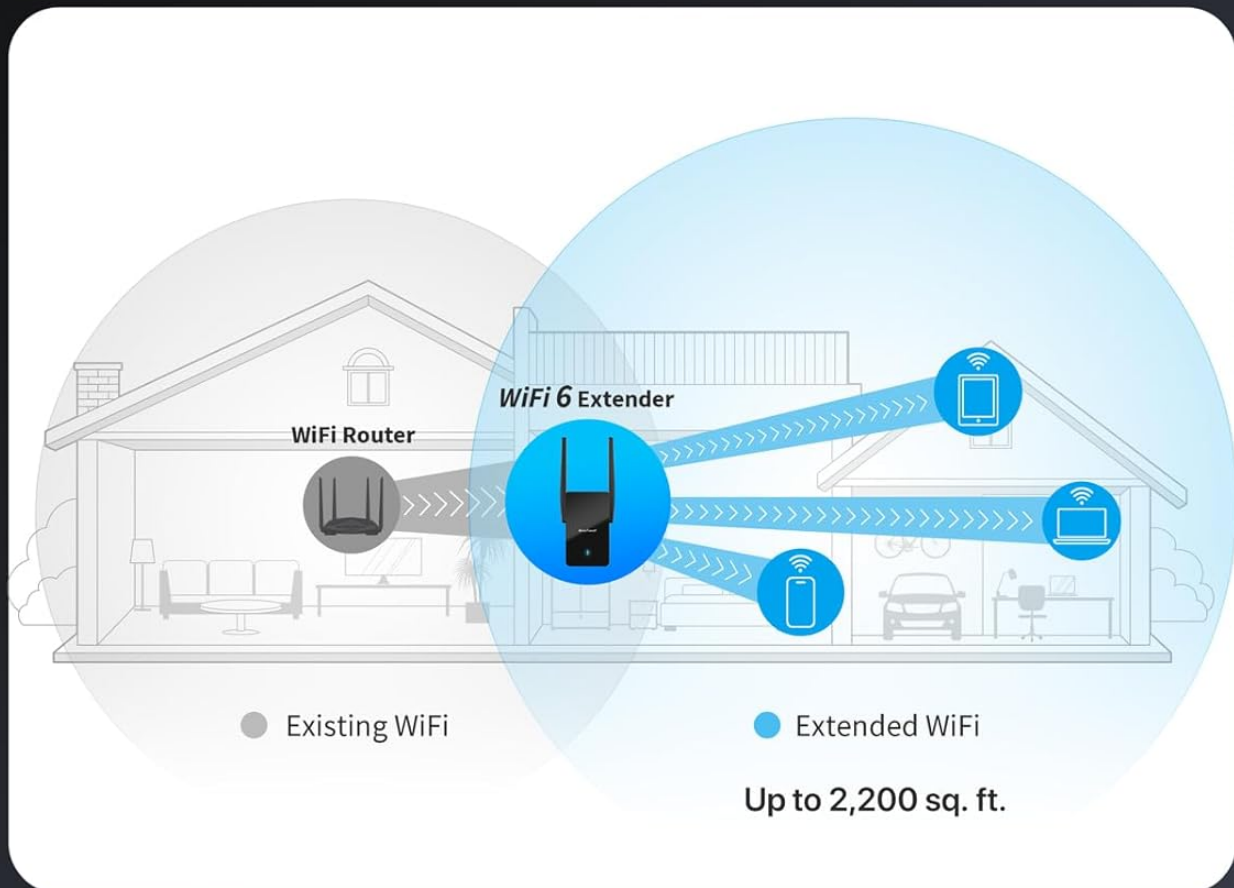Existing WiFi

Extended WiFi

Up to 2,200 sq. ft.

Image: Diagram showing how the extender expands WiFi coverage up to 2,200 sq. ft.

3 Levels of Signal Boosting

Advanced technologies work behind the scenes to strengthen your WiFi signals.

- 5dBi High-Gain Antennas
- High-Power Front-End Modules (FEM)
- Beamforming

BrosTrend®

Image: Visual representation of 3 levels of signal boosting technologies: 5dBi High-Gain Antennas, High-Power Front-End Modules (FEM), and Beamforming.

Cutting-Edge Processing

Delivers fast connections with minimal latency.
Every click and tap on your device responds just quicker.
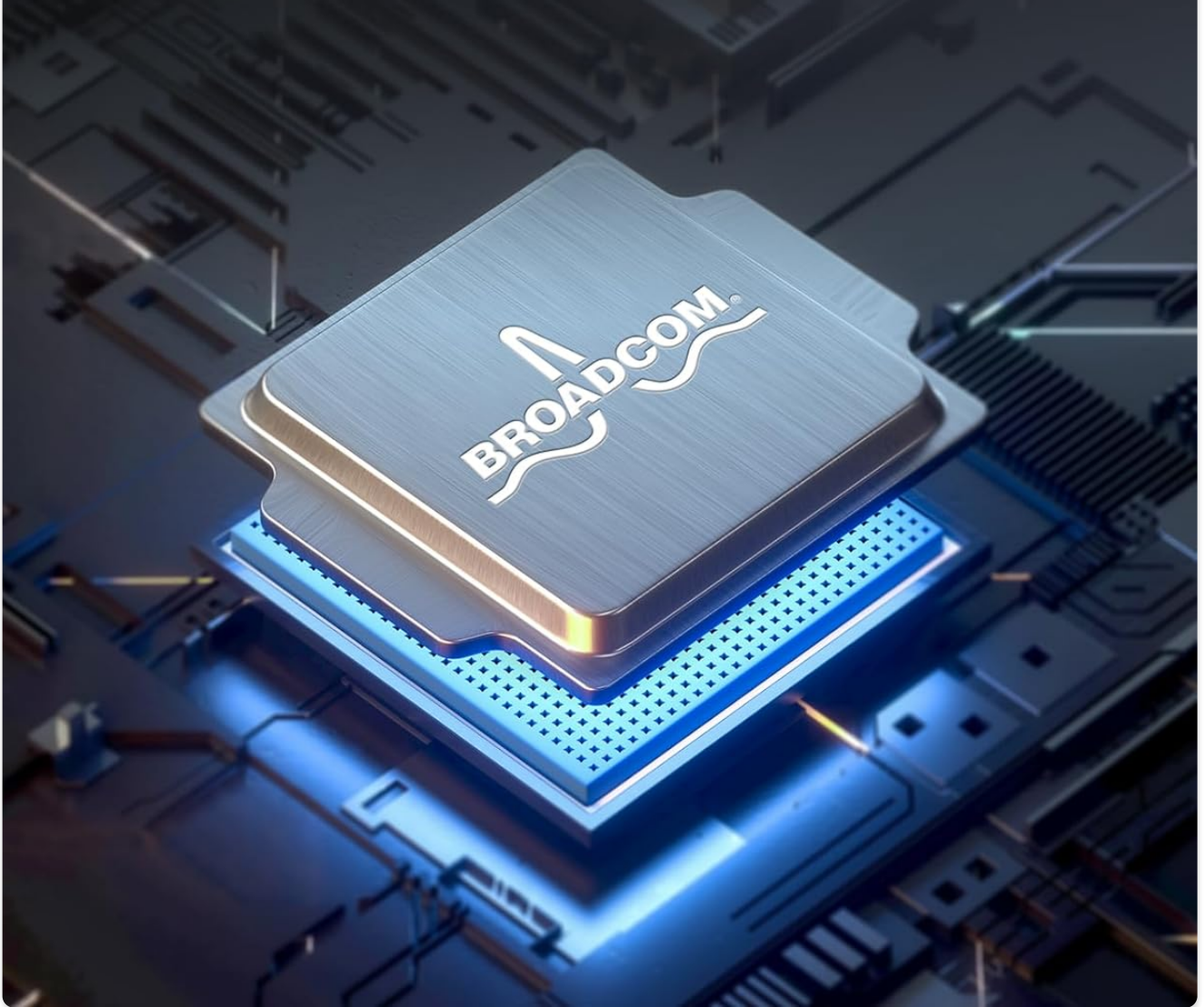
1.7 GHz
Quad-Core CPU

128 MB
RAM

Image: Close-up of the Broadcom chip and 1.7 GHz Quad-Core CPU, highlighting cutting-edge processing.

Image: Shows compatibility with up to 45 devices including smartphones, TVs, computers, game consoles, tablets, cameras, speakers, smart bulbs, and video doorbells.

5. MAINTENANCE

- **Optimal Placement:** For best performance, ensure the extender is placed within the optimal range of your main router. The LED indicator (blue or yellow) helps determine the best location. Avoid placing it near large

metal objects, concrete walls, or other electronic devices that may cause interference.

- **Firmware Updates:** Regularly check the BrosTrend website (www.brostrend.com) for firmware updates. Keeping your device's firmware up-to-date ensures optimal performance, security, and compatibility.

- **Cleaning:** Keep the extender clean and free from dust. Use a soft, dry cloth to wipe the device. Do not use liquid cleaners or aerosols.

- **Ventilation:** Ensure the extender's ventilation slots are not blocked to prevent overheating.

Image: Explains the LED indicator colors for optimal placement: Solid Blue (Best Location), Solid Yellow (Fair Location), Solid Red (Too Far From Router).

6. TROUBLESHOOTING

Problem	Possible Cause / LED Indicator	Solution
No Internet connection after setup.	LED indicator is solid red or blinking red slowly.	Relocate the extender closer to your router. Ensure the extender is within the WiFi range of your router. If the LED indicator still does not turn solid on, reset it to default factory settings and set it up again.
Slow speeds on extended network.	LED indicator is solid yellow (fair signal).	Move the extender closer to your router to achieve a solid blue LED indicator (strong signal). Ensure there are no major obstructions between the router and extender.

Problem	Possible Cause / LED Indicator	Solution
Cannot access the web management page.	Device not connected to extender's network or incorrect URL.	Ensure your device is connected to the extender's Wi-Fi network (e.g., "BrosTrend_EXT"). Verify you are entering http://brostrendwifi.com correctly in the browser's address bar. Try a different browser.
WPS setup failed.	WPS timeout or incompatibility.	Ensure you press the WPS button on both the router and extender within 2 minutes. If it continues to fail, try the Web UI setup method.

7. SPECIFICATIONS

Feature	Detail
Model Number	BrosTrend 3000Mbps WiFi 6 Extender (E3/AX3)
Wireless Communication Standard	802.11a/b/g/n/ac, 802.11ax
Data Transfer Rate	3000 Megabits Per Second (2402Mbps on 5GHz, 574Mbps on 2.4GHz)
Frequency Band Class	Dual-Band
Antennas	2 x 5dBi high-gain antennas
Ethernet Port	1 x Gigabit Ethernet Port
Processor	Broadcom's powerful chip and 1.7 GHz Quad-Core CPU
Security	WPA3/WPA2/WPA Wi-Fi encryption
Dimensions	2.6 x 3.5 x 8.4 inches
Item Weight	8.8 ounces
Country of Origin	China

8. WARRANTY AND SUPPORT

BrosTrend Technology LLC provides a 2-year warranty for this product. For technical support or any inquiries, please contact BrosTrend directly:

Technical Support Email: support@brostrend.com

Website: www.brostrend.com

Phone: +86-17796126768

Authorized U.K. Representative: APEX CE SPECIALISTS LIMITED

U.K. Address: 89 Princess Street, Manchester, M1 4HT, UK

U.K. Phone: 00441616371080

U.K. Email: info@apex-ce.com

BrosTrend aims to reply to support inquiries within 24 hours.

Image: BrosTrend 2-Year Warranty information.

9. IMPORTANT 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 adapter provided or recommended by the manufacturer.
- Keep the device away from heat sources and direct sunlight.
- Ensure proper ventilation to prevent overheating.
- This device is for indoor use only.