

IOGIANT 1200Mbps Dual-band WiFi Extender

IOGIANT AC1200 WiFi Extender User Manual

Model: 1200Mbps Dual-band WiFi Extender

1. INTRODUCTION

Thank you for choosing the IOGIANT AC1200 WiFi Extender. This device is designed to expand your existing Wi-Fi network, eliminating dead zones and providing reliable, high-speed internet access throughout your home or office. With dual-band support (5GHz and 2.4GHz) and advanced features like MU-MIMO technology and WPA2 encryption, it ensures a seamless and secure online experience for up to 30 devices.

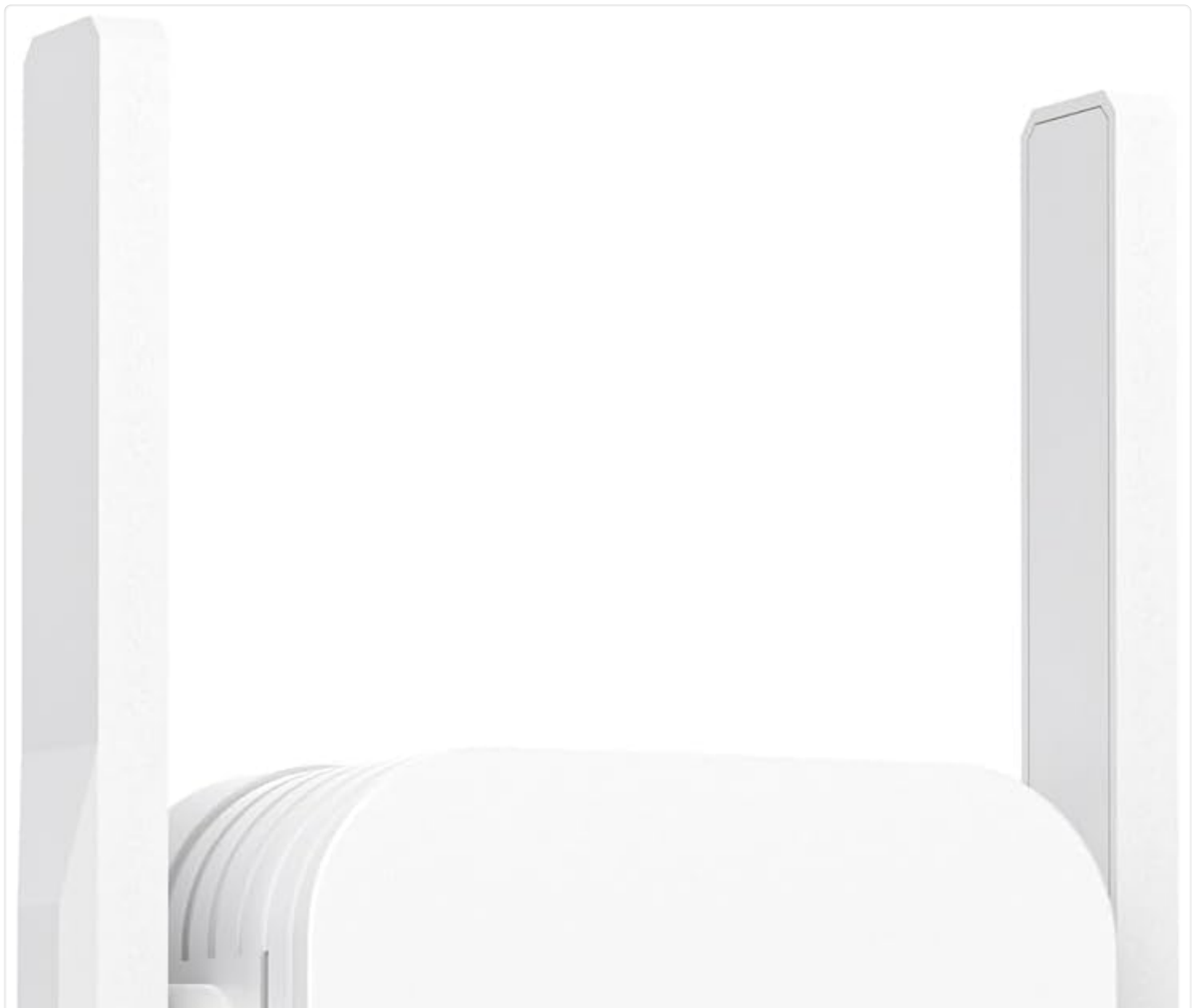




Figure 1: Front view of the IOGIANT AC1200 WiFi Extender.

2. WHAT'S IN THE BOX

- 1 x 1200Mbps Dual-band WiFi Extender
- 1 x RJ45 Ethernet Cable (5 Feet)
- 1 x Quick Installation Guide

3. KEY FEATURES

3.1. Extended WiFi Coverage

Expand your existing router's Wi-Fi and add wireless coverage up to 1500 square feet with this 1200Mbps WiFi extender. It is an ideal solution to eliminate WiFi dead zones and optimize your WiFi range.

Extend WiFi to Every Corner

1500 sqft

1200 Mbps



Figure 2: The WiFi Extender extends network coverage to eliminate dead zones.

3.2. Faster 5GHz Speed

Experience WiFi improvement with this WiFi booster, delivering a 100% increase in speed compared to an AC750 internet booster on the 5GHz WiFi band. Faster 5GHz connection makes it perfect for streaming, work, and learning.

Faster 5GHz Speed

than AC750

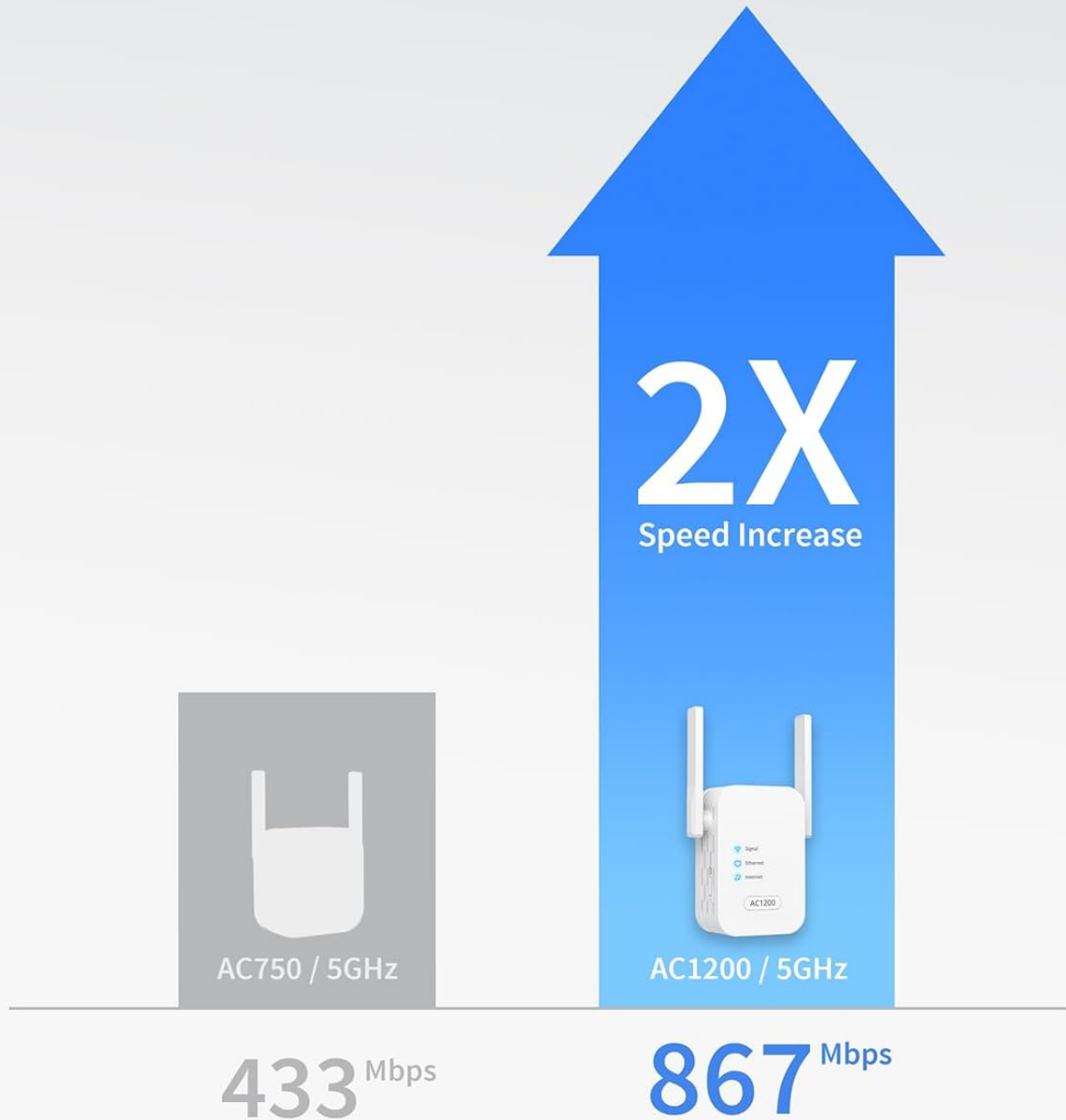


Figure 3: AC1200 offers significantly faster 5GHz speeds compared to AC750.

3.3. Great Compatibility, High Capacity

This WiFi repeater works with various WiFi devices, such as smartphones, tablets, computers, TVs, and IoT devices. Thanks to its dual-band connectivity, you can connect up to 30 devices to it simultaneously.

Great Compatibility High Capacity

30^{Devices}

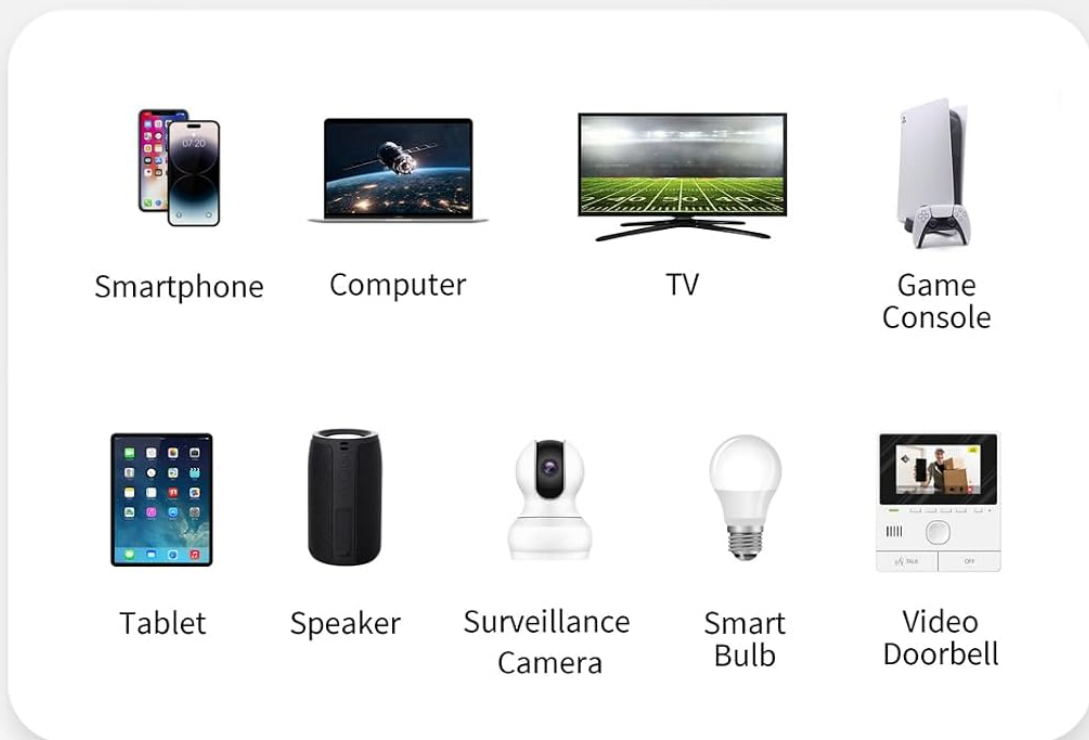


Figure 4: The extender supports a wide range of devices, up to 30 simultaneously.

3.4. Reduced Network Latency

Advanced MU-MIMO technology ensures efficient data transmission, keeping every device connected at the same time, thereby reducing network latency.

Lower Latency Networks

with MU-MIMO Technology



Figure 5: MU-MIMO technology ensures smooth connections for multiple users.

3.5. Secure Connections

This WiFi extender signal booster for home protects all your connected devices by supporting trusted WPA2 encryption. Enjoy a worry-free connection across all devices.

Secure Every Connected Device

with WPA2 Encryption



Figure 6: WPA2 encryption provides a secure network environment.

4. SETUP AND INSTALLATION

The IOGIANT AC1200 WiFi Extender can be set up using the WPS (Wi-Fi Protected Setup) method for quick and easy configuration. Alternatively, you can use a web browser for setup.

4.1. WPS Setup Method

Follow these steps to set up your extender using the WPS button:

1. **Power on the Extender:** Plug the extender into an electrical outlet in the same room as your existing WiFi router. Wait until the Internet LED light blinks blue slowly.



Figure 7: Overview of the WPS installation process.

2. **Connect to your WiFi Router:** Press the WPS button on your WiFi router. The WPS LED status on your router should change, indicating it's ready for pairing.

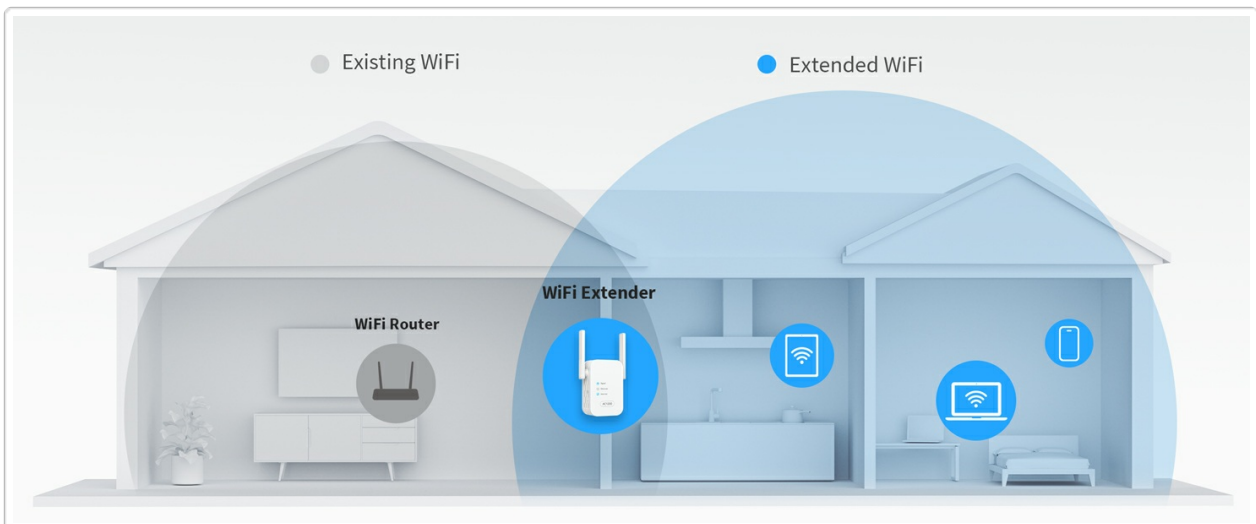


Figure 8: Press the WPS button on your existing WiFi router.

3. Within 2 minutes, press the WPS button on the extender for 1 second.

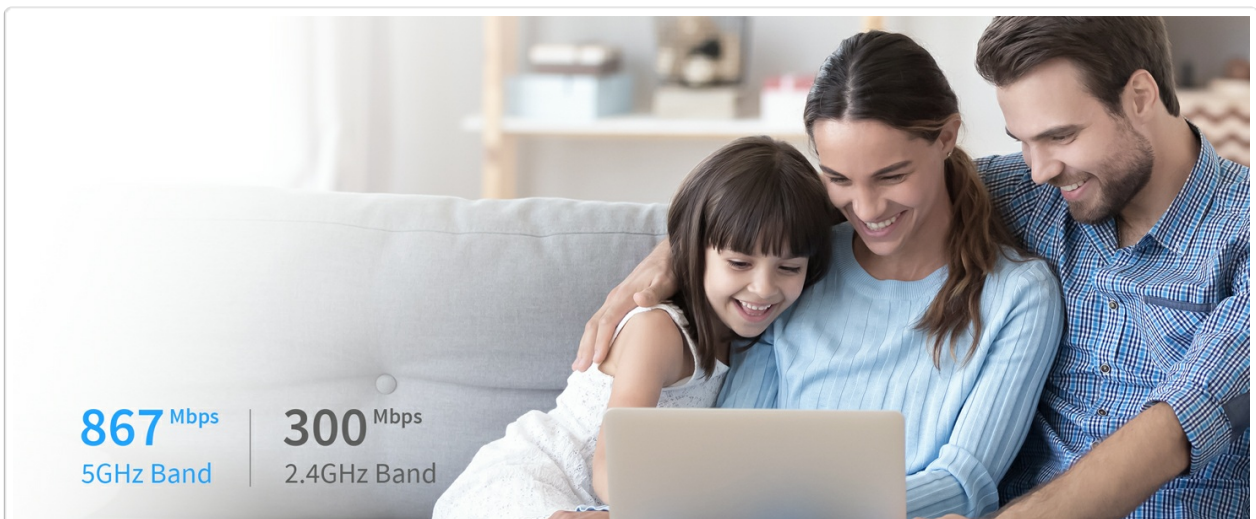


Figure 9: Press the WPS button on the extender to initiate pairing.

4. **Verify Connection:** Wait until the Signal LED light turns solid blue or orange, which indicates a successful connection with your existing WiFi router. If the Signal LED light does not turn solid blue or orange, reset the extender and try the WEB UI method to set it up again.

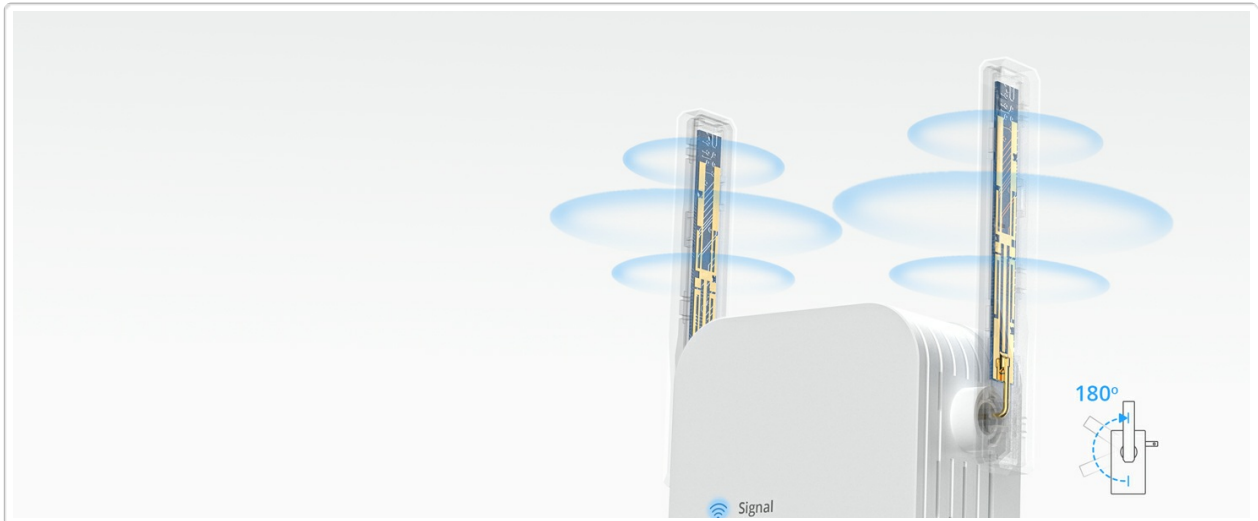


Figure 10: Signal LED status indicates connection strength. Blinking blue: Pairing. Solid blue: Connected, suitable location. Solid orange: Connected, weak signal. Off: Failed to connect.

5. **Relocate the Extender:** Please relocate the extender to a location within the WiFi range of your WiFi router, ideally halfway between your router and the WiFi dead zone. Wait until the Signal LED turns solid blue or orange.

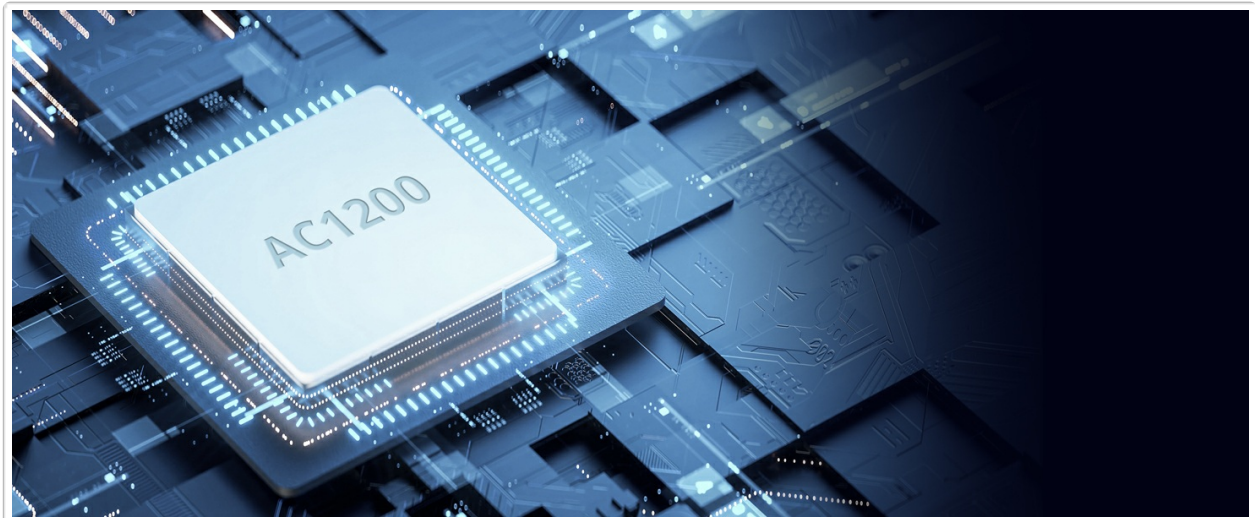


Figure 11: Optimal placement of the extender for maximum coverage.

6. **Connect Your Devices:** Now you can connect your WiFi devices to the extended networks. Setup completed!



Figure 12: Enjoy expanded WiFi coverage for all your devices.

4.2. WPS Setup Video Guide

Video 1: Official guide on how to set up your LOGIANT 1200Mbps WiFi Extender via the WPS method.

5. OPERATING INSTRUCTIONS

Once the extender is successfully set up, it will broadcast extended Wi-Fi networks. These networks will typically have the same name as your original Wi-Fi network with an '_EXT' or similar suffix (e.g., 'YourWiFiName_EXT').

- **Connecting Devices:** On your Wi-Fi enabled device (smartphone, laptop, tablet, etc.), scan for available Wi-Fi networks. Select the extended network and enter your original Wi-Fi password.
- **Dual-Band Operation:** The extender supports both 2.4GHz and 5GHz bands. The 2.4GHz band offers wider coverage, while the 5GHz band provides faster speeds. Your devices will automatically connect to the optimal band, or you can manually select if your device supports it.
- **Ethernet Port:** The extender includes an RJ45 Ethernet port. You can use this port to connect a wired device (like a desktop computer, smart TV, or game console) to your network, providing a stable wired connection in areas with weak Wi-Fi.

6. TROUBLESHOOTING

If you encounter issues with your LOGIANT AC1200 WiFi Extender, please refer to the following common problems and solutions:

- **No Internet Access After Setup:**
 - Ensure the Signal LED is solid blue or orange. If it's off, the extender is not connected to your router. Try relocating it closer to the router or re-running the setup process.
 - Verify that your main router has an active internet connection.
 - Check if you entered the correct Wi-Fi password during setup.
- **Weak Signal or Slow Speed:**
 - Relocate the extender. It should be placed within the range of your main router, ideally halfway between the router and the area needing extended coverage. Avoid physical obstructions like thick walls or large metal objects.

- If the Signal LED is solid orange, it indicates a weak signal from the router. Try moving the extender closer to the router.
 - Ensure there are no strong interference sources nearby (e.g., microwaves, cordless phones).
- **Cannot Connect to the Extended Network:**
 - Restart both your main router and the extender.
 - Forget the extended network on your device and try reconnecting.
 - Reset the extender to factory defaults (using the reset button, typically a small pinhole) and perform the setup again.
- **WPS Setup Fails:**
 - Ensure you press the WPS button on both the router and the extender within the 2-minute window.
 - Some routers may have a different WPS activation method or a different button. Consult your router's manual.
 - If WPS continues to fail, use the web browser setup method (refer to the Quick Installation Guide for detailed steps).

7. SPECIFICATIONS

Feature	Description
Model Number	1200Mbps Dual-band WiFi Extender
Product Dimensions	2.99 x 2.76 x 3.39 inches
Item Weight	3.52 ounces
Wireless Communication Standard	2.4 GHz Radio Frequency, 5 GHz Radio Frequency, 802.11a/b/g/n/ac
Data Transfer Rate	1200 Megabytes Per Second
Frequency Band Class	Dual-Band
Coverage Area	Up to 1500 square feet
Max Connected Devices	30 Devices
Security	WPA2 Encryption



Figure 13: Rear view of the extender showing product details and ports.

8. WARRANTY AND SUPPORT

IOGIANT products are designed for reliability and performance. For specific warranty details, please refer to the warranty information provided with your purchase or visit the official IOGIANT website.

If you need any assistance with your AC1200 WiFi Extender, please do not hesitate to contact our support team. We are committed to providing excellent customer service.

Email Support: support@iogiant.com

We aim to reply to all inquiries within 24 hours.

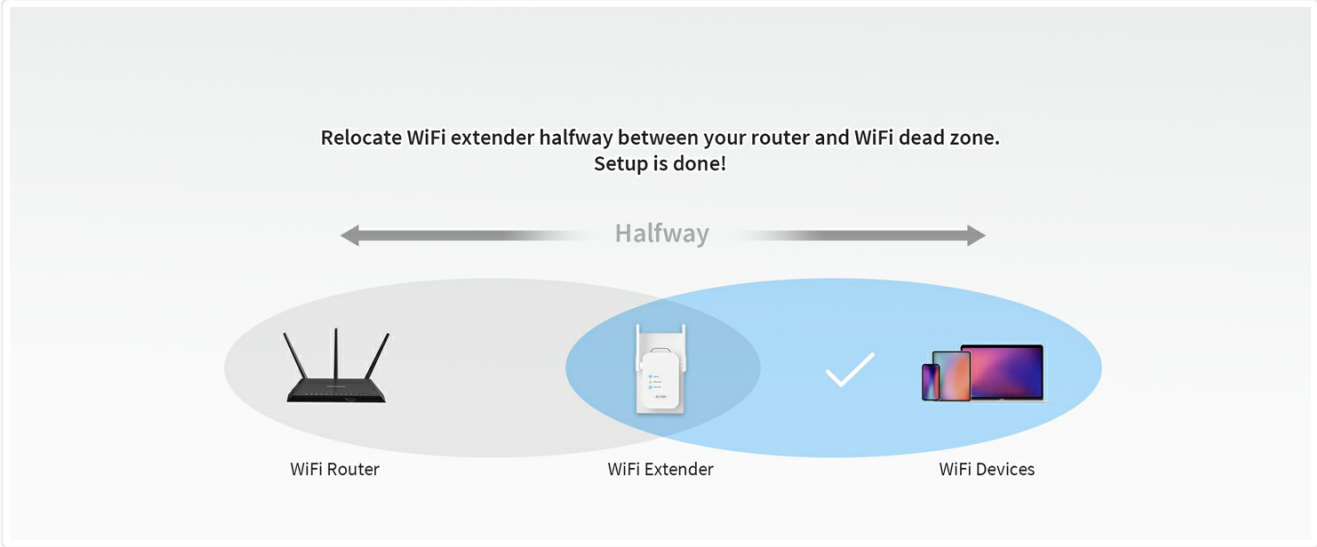


Figure 14: Contact information for customer support.