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## IOGIANT 1200Mbps WiFi to Ethernet Adapter

# IOGIANT AC1200Mbps Universal WiFi to Ethernet Adapter User Manual

Model: 1200Mbps WiFi to Ethernet Adapter

Brand: IOGIANT

## 1. INTRODUCTION AND OVERVIEW

The IOGIANT AC1200Mbps Universal WiFi to Ethernet Adapter is a versatile networking device designed to provide wireless connectivity to wired-only devices or extend your existing Wi-Fi network. This 3-in-1 device functions as a WiFi to Ethernet adapter (wireless bridge), a wireless access point, and a WiFi range extender. It eliminates the need for complex driver installations, offering a plug-and-play solution for various devices. With dual-band support (867Mbps on 5GHz and 300Mbps on 2.4GHz), it ensures fast and reliable data transfer for activities such as streaming, VoIP calls, and file downloads. Its external, 180-degree adjustable antennas enhance signal strength and flexibility in device placement.



*Image: The IOGIANT AC1200Mbps Universal WiFi to Ethernet Adapter, a white rectangular device with two adjustable antennas and an Ethernet port.*

## **2. PACKAGE CONTENTS**

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Please verify that all items are present in your package:

- 1 x WiFi to Ethernet Adapter
- 1 x RJ45 Ethernet Cable (5 Feet)
- 1 x Quick Installation Guide

## **3. PRODUCT FEATURES**

- **3-in-1 Functionality:** Operates as a WiFi to Ethernet Adapter (Wireless Bridge), Wireless Access Point (AP Mode), and WiFi Range Extender.
- **Driver-Free Installation:** No software drivers are required for setup, ensuring a simple plug-and-play experience.
- **Broad Compatibility:** Connects a wide range of wired devices to Wi-Fi, including printers, smart TVs, Blu-ray players, game consoles (PlayStation, Xbox), DVRs, computers, and VoIP phones.
- **High-Speed Dual-Band Wi-Fi:** Supports 867Mbps on the 5GHz band and 300Mbps on the 2.4GHz band for fast and stable connections.
- **Reliable Connectivity:** Provides a stable wired connection for various online activities without interruptions.
- **Adjustable Antennas:** Features external, 180-degree adjustable antennas for optimizing signal reception and transmission.

## 4. SETUP

The IOGIANT AC1200Mbps adapter offers multiple setup methods for convenience.

### 4.1. Wireless Bridge Mode (WiFi to Ethernet Adapter)

This mode allows wired devices to connect to your wireless network.

1. Plug the adapter into a power outlet near your wired device.
2. Connect the adapter's Ethernet port to your wired device (e.g., printer, TV) using the provided RJ45 Ethernet cable.
3. **WPS Setup (Recommended for quick setup):**
  - Press the WPS button on your main Wi-Fi router.
  - Within two minutes, press the WPS button on the IOGIANT adapter. The Signal LED on the adapter will blink and then turn solid when connected.
4. **Web Browser Setup (For manual configuration or if WPS fails):**
  - Connect a computer to the adapter's Ethernet port or wirelessly to its default Wi-Fi network (SSID and password usually found on the device label or quick guide).
  - Open a web browser and enter the default IP address or domain name (e.g., [setupwifi.net](http://setupwifi.net)) provided in the Quick Installation Guide.
  - Follow the on-screen instructions to select your Wi-Fi network and enter the password.

# Connect Any Wired Devices to WiFi

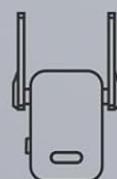
No Driver Software Installation Needed



Router



WiFi to Ethernet Adapter



Ethernet Cable



Wired Device

*Image: A visual representation of the adapter connecting a router wirelessly to a wired device like a printer via an Ethernet cable.*

# Supports Any Ethernet-Only Device with Fast Ethernet Port



*Image: An illustration showcasing the adapter's compatibility with devices such as printers, TVs, desktops, Blu-ray players, VoIP phones, laptops, game consoles, and cameras.*

## 4.2. Wireless Access Point (AP) Mode

In AP mode, the adapter connects to a wired internet source and broadcasts a new Wi-Fi network.

1. Plug the adapter into a power outlet.
2. Connect the adapter's Ethernet port to your modem or router's LAN port using an Ethernet cable.
3. Access the adapter's web interface (as described in 4.1 Web Browser Setup).
4. Select "Wireless Access Point Mode" and follow the prompts to configure your new Wi-Fi network's SSID and password.

### 4.3. WiFi Range Extender Mode

This mode extends the coverage of your existing Wi-Fi network.

1. Plug the adapter into a power outlet in an area with good signal from your main router, but also where you need extended coverage.
2. Use either WPS setup or web browser setup (as described in 4.1) to connect the adapter to your existing Wi-Fi network.
3. Once connected, the adapter will broadcast an extended Wi-Fi network.



*Image: A detailed view of the adapter's external, 180-degree adjustable antennas, highlighting their role in signal optimization.*

## 5. OPERATING

Once configured, the IOGIANT AC1200Mbps adapter operates automatically based on the selected mode. The LED indicators on the device provide status information:

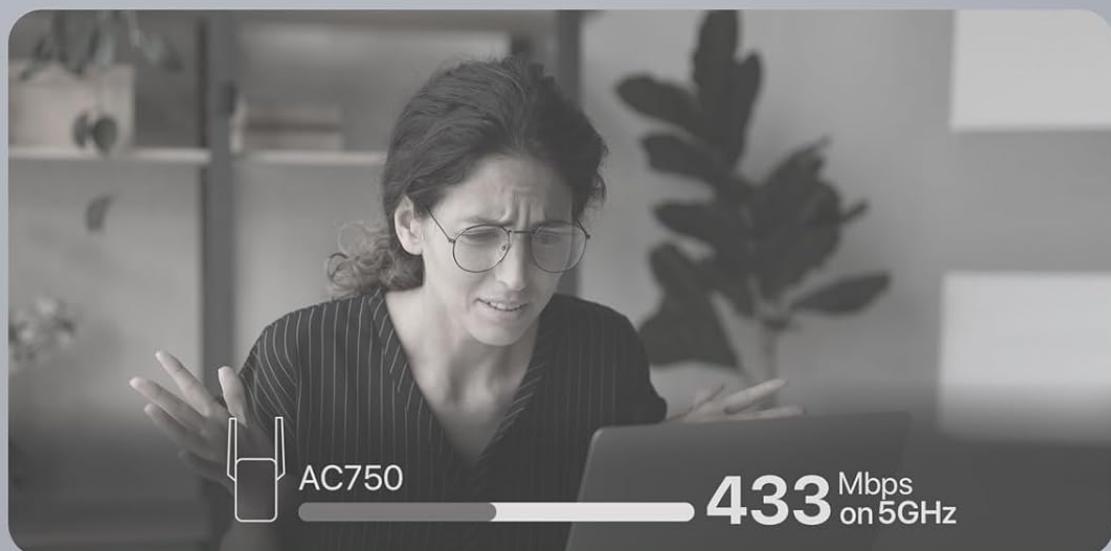
- **Signal LED:** Indicates the strength of the Wi-Fi signal. A solid light typically means a good connection.
- **Ethernet LED:** Lights up when a device is connected via the Ethernet port.
- **Internet LED:** Indicates successful internet connectivity.



*Image: Two individuals comfortably watching television, symbolizing the reliable and uninterrupted connection provided by the adapter for streaming and downloading.*

# 2X Faster 5GHz WiFi Speed

AC1200 Faster than AC750



*Image: A graphic illustrating the speed advantage of AC1200 (867Mbps on 5GHz) over AC750 (433Mbps on 5GHz), emphasizing faster Wi-Fi performance.*

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your LOGIANT adapter, consider the following maintenance tips:

- Keep the device in a well-ventilated area to prevent overheating.
- Avoid exposing the device to extreme temperatures or humidity.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners.
- If the device becomes unresponsive, try unplugging it from the power outlet for 10 seconds and then

plugging it back in.

## 7. TROUBLESHOOTING

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If you encounter issues with your IOGIANT AC1200Mbps adapter, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Internet Connection	Incorrect setup, weak signal, router issue.	Verify all cable connections. Ensure the adapter is within range of your main router. Try restarting both the adapter and your router. Re-run the setup process.
Slow Connection Speed	Interference, distance from router, network congestion.	Relocate the adapter closer to your main router or the wired device. Ensure antennas are optimally positioned. Reduce interference from other electronic devices.
WPS Setup Fails	Router WPS issue, timing issue.	Ensure your router supports WPS and it's enabled. Try pressing the WPS buttons simultaneously or within the specified timeframe. Use the web browser setup method as an alternative.
Device Abruptly Stops Working	Temporary glitch, power issue.	Unplug the device from the power outlet for 30 seconds, then plug it back in. If the issue persists, perform a factory reset (refer to the Quick Installation Guide for reset instructions).

For more detailed troubleshooting or advanced configurations, please consult the official User Guide (PDF) available for download from the manufacturer's website or the product page where you purchased the device.

## 8. SPECIFICATIONS

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Feature	Detail
Product Dimensions	2.99 x 1.97 x 3.39 inches (7.59cm L x 5.00cm W x 8.61cm H)
Item Weight	3.53 ounces (100 grams)
Model Number	1200Mbps WiFi to Ethernet Adapter
Brand	IOGIANT
Hardware Interface	Ethernet
Color	White
Compatible Devices	Printers, Cameras, TV, TV Boxes, Blu-ray Players, Streaming Players, Computers, Desktops, Laptops, VoIP Phones, Game Consoles, PlayStations, Xbox, and more.
Data Link Protocol	Fast Ethernet, IEEE 802.11 ac/b/g/n

Feature	Detail
Data Transfer Rate	1200 Megabits Per Second (Mbps)
Manufacturer	ioGiant Technology LLC

## 9. WARRANTY AND SUPPORT

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The IOGIANT AC1200Mbps Universal WiFi to Ethernet Adapter typically comes with a 2-year warranty, as indicated on the product packaging. For specific warranty terms and conditions, please refer to the documentation included with your product or contact IOGIANT customer support.

For further assistance, technical support, or to download the full User Guide (PDF), please visit the official IOGIANT website or refer to the contact information provided in your Quick Installation Guide.

**User Guide (PDF) Link:** [Download User Guide](#)