

## Wodgreat WN539

# Wodgreat AC1200 Dual Band WiFi Extender User Manual

Model: WN539

## 1. INTRODUCTION

The Wodgreat AC1200 Dual Band WiFi Extender (Model WN539) is designed to expand your existing wireless network coverage, eliminate Wi-Fi dead zones, and provide a stable, high-speed internet connection throughout your home or office. This device supports dual-band operation (2.4GHz and 5GHz) for optimal performance across various devices and applications.

### Extend WiFi Signal Coverage

Eliminate WiFi dead zones, coverage up to 3000Sq.ft and 30 device



This image illustrates how the WiFi extender boosts coverage, extending both 2.4GHz and 5GHz signals to cover up to 2800 sq.ft, eliminating dead zones within a multi-story home environment.

## 2. PACKAGE CONTENTS

---

Please verify that all items are present in your package:

- Wodgreat AC1200 Dual Band WiFi Extender (Model WN539)
- User Manual (this document)



This image displays the Wodgreat AC1200 WiFi Extender alongside its retail packaging and the included user manual.

## 3. PRODUCT FEATURES

---

- **Dual Band High Speed:** Extends internet wireless network with speeds up to 300Mbps on 2.4GHz and 867Mbps on 5GHz, totaling 1200Mbps.
- **Extensive Coverage:** Equipped with 4 external antennas to enhance signal penetration, covering up to 2800 sq.ft and supporting connections for 45+ devices.
- **Multiple Work Modes:** Supports Repeater Mode, Access Point (AP) Mode, and includes Ethernet ports for versatile networking needs.
- **Easy Setup:** Quick setup via WPS button or web browser interface, typically within 2 minutes.
- **Enhanced Security:** Features WPA/WPA2-PSK security protocols to protect your network from unauthorized access.

# Dual Band WiFi Extender

Dual band supports 5GHz&2.4GHz wireless network,fast and stable WiFi signal!



Interference-Free  
HD Video  
and Gaming

5G (867Mbps)

More Supported  
Devices Basic  
Internet Applications

2.4G (300Mbps)

Aigital  
WiFi REPEATER

This image shows the WiFi extender in a living room, illustrating its capability to provide 1200Mbps high-speed dual-band Wi-Fi (2.4GHz at 300Mbps and 5GHz at 860Mbps) for smooth streaming and gaming.

## 4. DEVICE LAYOUT

Familiarize yourself with the physical components of your Wodgreat AC1200 WiFi Extender:

- **External Antennas:** Four adjustable antennas for improved signal reception and transmission.
- **WPS/Reset Button:** Used for quick setup (WPS) or factory reset.
- **Ethernet Ports:** Two ports for connecting wired devices or for AP mode configuration.
- **LED Indicators:** Lights indicating power, Wi-Fi signal strength, and network activity.



This image provides a close-up view of the four adjustable antennas on the Wodgreat WiFi Extender, which are crucial for signal strength and coverage.



This image highlights the two Ethernet ports located on the Wodgreat WiFi Extender, used for wired connections.

## 5. SETUP INSTRUCTIONS

There are two primary methods to set up your Wodgreat AC1200 WiFi Extender:

### 5.1. WPS Setup (Recommended for quick setup)

1. Plug the WiFi Extender into a power outlet near your main router. Wait for the Power LED to turn solid.
2. Press the WPS button on your main router.
3. Within two minutes, press the WPS/Reset button on the Wodgreat WiFi Extender.
4. Wait for the Wi-Fi Signal LED on the extender to turn solid, indicating a successful connection. The extender will automatically extend both 2.4GHz and 5GHz networks.



This image shows a close-up of the WPS/Reset button on the side of the Wodgreat WiFi Extender, used for quick setup or factory reset.

### 5.2. Web Browser Setup (For advanced configuration or if WPS fails)

1. Plug the WiFi Extender into a power outlet.
2. Connect your computer or mobile device to the extender's default Wi-Fi network (e.g., "Wodgreat\_Ext"). No password is required initially.
3. Open a web browser and enter the default IP address or domain name (refer to the included quick start guide for specific details, typically 192.168.1.1 or repeater.net).
4. Follow the on-screen instructions to select your existing Wi-Fi network, enter its password, and configure the extender's network name (SSID) and password.

5. Once configured, reconnect your devices to the new extended Wi-Fi network.

## 6. OPERATING MODES

The Wodgreat AC1200 WiFi Extender supports three main operating modes:

### 6.1. Repeater Mode (Default)

In Repeater Mode, the extender wirelessly connects to your existing router and amplifies its signal, extending coverage to areas with weak Wi-Fi. This is the most common mode for eliminating dead zones.

### 6.2. Access Point (AP) Mode

In AP Mode, the extender connects to your router via an Ethernet cable and creates a new wireless network. This is ideal for converting a wired network connection into a wireless access point, providing Wi-Fi in areas where only wired access is available.

### 6.3. Ethernet Bridge Mode

When operating in Repeater Mode, the Ethernet ports can also function as an Ethernet bridge. This allows you to connect wired devices (like a smart TV, game console, or PC) to the extender, providing them with a stable internet connection via the extended Wi-Fi network.



This image illustrates the difference between 5GHz (faster speed, shorter range) and 2.4GHz (longer range, stable signal) Wi-Fi bands, showing how the dual-band extender optimizes connectivity for various devices and distances.

## 7. MAINTENANCE

- **Optimal Placement:** For best performance, place the extender halfway between your router and the Wi-Fi dead zone. Avoid placing it near large metal objects, concrete walls, or other electronic devices that may cause interference.
- **Firmware Updates:** Periodically check the manufacturer's website for firmware updates to ensure optimal performance and security.
- **Cleaning:** Keep the device clean and free from dust. Use a soft, dry cloth for cleaning. Do not use liquid

cleaners.

- **Restart:** If you experience network issues, try restarting the extender by unplugging it from the power outlet for 10 seconds and then plugging it back in.

## 8. TROUBLESHOOTING

---

- **No Power:** Ensure the extender is securely plugged into a working power outlet. Check if the Power LED is on.
- **Cannot Connect to Extender's Wi-Fi:** Ensure you are selecting the correct network name (SSID) for the extender. If using web browser setup, ensure you are connected to the extender's default network.
- **Weak Signal from Extender:** Relocate the extender closer to your main router. Ensure there are no major obstructions between the extender and your devices. Adjust the external antennas for better reception.
- **Slow Speeds:** Verify that your main router is providing adequate internet speed. Ensure the extender is placed in an optimal location. Try connecting to the 5GHz band for higher speeds if your devices support it.
- **WPS Setup Fails:** Try the web browser setup method. Ensure your router supports WPS and that you are pressing the buttons within the specified time frame.
- **Forgot Extender Password:** Perform a factory reset by pressing and holding the WPS/Reset button for approximately 10 seconds until the LEDs flash. This will revert the extender to its default settings.

## 9. SPECIFICATIONS

---

Feature	Detail
Model Number	WN539
Brand	Wodgreat
Wireless Standard	802.11ac/a/b/g/n
Frequency Bands	2.4 GHz, 5 GHz
Data Transfer Rate	Up to 1200 Mbps (300 Mbps on 2.4GHz, 867 Mbps on 5GHz)
Antennas	4 External Adjustable Antennas
Ethernet Ports	2 x Fast Ethernet Ports
Security Protocols	WPA/WPA2-PSK
Coverage Area	Up to 2800 Sq.ft
Item Weight	7.1 ounces
Color	Black

## 10. WARRANTY AND SUPPORT

---

For warranty information and technical support, please refer to the documentation included with your product or visit the official Wodgreat website. You may also contact customer support through the retailer where the

product was purchased.

Please retain your proof of purchase for warranty claims.

© 2025 Wodgreat. All rights reserved.