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> [AOOEPU WD-R1206U Dual Band WiFi Extender Instruction Manual](#)

## AOOEPU WD-R1206U

# AOOEPU WD-R1206U Dual Band WiFi Extender

Instruction Manual

## INTRODUCTION

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The AOOEPU WD-R1206U Dual Band WiFi Extender is designed to expand your existing wireless network coverage, eliminate Wi-Fi dead zones, and provide stable, high-speed internet access throughout your home or office. With dual-band technology (5GHz and 2.4GHz) and four external antennas, it supports up to 105 devices and covers areas up to 12,880 sq.ft. This manual provides essential information for setup, operation, and maintenance of your device.

## PACKAGE CONTENTS

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- AOOEPU WD-R1206U WiFi Extender (1 unit)
- User Guide (1 unit)
- Ethernet Cable (1 unit)

## PRODUCT OVERVIEW

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The AOOEPU WD-R1206U features four high-performance external antennas for extended coverage and dual Gigabit Ethernet ports for stable wired connections. It supports multiple working modes to adapt to various network environments.



Figure 1: Product Diagram with Key Features

- **Four External Antennas:** Enhance Wi-Fi signal strength and coverage.
- **Dual Gigabit Ethernet Ports:** Provide stable wired connections for devices like gaming consoles or smart TVs.
- **Reset/WPS Button:** Used for easy setup via WPS or to reset the device to factory settings.
- **LED Indicators:** Display connection status and signal strength.

## SETUP INSTRUCTIONS

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The AOOEPU WD-R1206U WiFi Extender offers a simple setup process. You can configure it using the WPS button or through a web browser on your mobile device or computer.

### Method 1: WPS (Wi-Fi Protected Setup)

1. **Power On:** Plug the WiFi Extender into an electrical outlet near your main router. Wait for the power LED to light up.
2. **Activate WPS on Router:** Press the WPS button on your main Wi-Fi router. Refer to your router's manual for the exact location and timing.
3. **Activate WPS on Extender:** Within 2 minutes, press the WPS button (usually labeled "WPS" or with a WPS icon) on the AOOEPU WD-R1206U WiFi Extender for 2 seconds.
4. **Wait for Connection:** The Wi-Fi signal LEDs on the extender will blink and then turn solid, indicating a successful connection.
5. **Relocate (Optional):** Once connected, you can unplug the extender and move it to a location between your router and the Wi-Fi dead zone. Ensure the signal LEDs remain solid to confirm good signal reception from the main router.

## DIFFERENT USAGE SCENARIOS



Figure 2: WPS Setup for the WiFi Extender

### Method 2: Web Browser Setup

1. **Power On:** Plug the WiFi Extender into an electrical outlet near your main router. Wait for the power LED to light up.
2. **Connect to Extender's Wi-Fi:** On your computer or mobile device, connect to the extender's default Wi-Fi network (e.g., "WiFi-Repeater" or similar, check the device label). No password is required initially.
3. **Access Setup Page:** Open a web browser and enter the default IP address (e.g., [192.168.1.254](http://192.168.1.254)) or domain name (e.g., [wdlogin.com](http://wdlogin.com)) provided in the user guide.
4. **Log In:** Enter the default username and password (usually "admin" for both, check the device label or user guide).
5. **Select Mode:** Choose "Repeater Mode" to extend your existing Wi-Fi network.
6. **Scan for Networks:** The extender will scan for available Wi-Fi networks. Select your main router's network (SSID).
7. **Enter Password:** Enter the Wi-Fi password for your main router's network. You can also set a new SSID and password for the extended network if desired.
8. **Apply Settings:** Confirm the settings and wait for the extender to restart and apply the configuration. The Wi-Fi signal LEDs will turn solid upon successful connection.
9. **Relocate (Optional):** Once connected, you can unplug the extender and move it to a location between your router and the Wi-Fi dead zone. Ensure the signal LEDs remain solid to confirm good signal reception from the main router.

Your browser does not support the video tag.

Video 1: Step-by-step guide on setting up the WiFi Extender via mobile phone.

### OPERATING MODES

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The AOOEPU WD-R1206U WiFi Extender supports three primary operating modes:

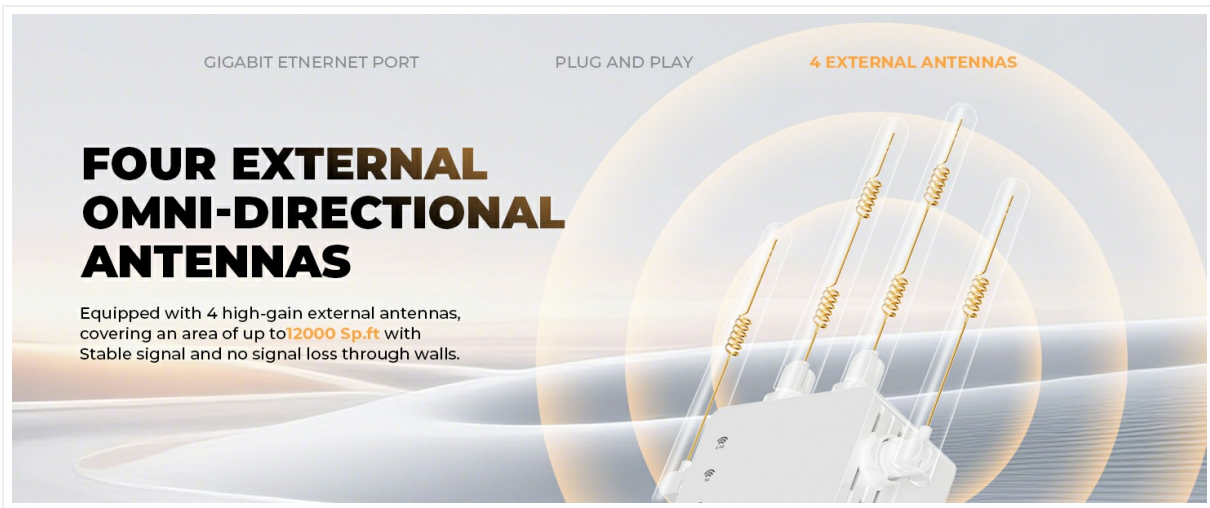


Figure 3: Three Working Modes Application

- **Repeater Mode (Default):** Extends the coverage of an existing wireless network. This is ideal for eliminating Wi-Fi dead zones.
- **AP Mode (Access Point):** Converts a wired network connection into a wireless one. Useful for adding Wi-Fi capability to a wired-only router or network switch.
- **Router Mode:** Functions as a primary router, creating a new private wireless network from a modem connection.

## OPERATING INSTRUCTIONS

After successful setup, your AOOEPU WD-R1206U WiFi Extender will broadcast an extended Wi-Fi signal.

- **Connecting Devices:** Search for the extended Wi-Fi network (its SSID will be similar to your main network, possibly with "\_EXT" or "\_PRO" appended) on your devices and connect using the password you set during setup.
- **Ethernet Ports:** Use the two Gigabit Ethernet ports on the extender to connect wired devices (e.g., smart TVs, gaming consoles, PCs) for a more stable and faster connection.
- **Optimal Placement:** For best performance, place the extender halfway between your main router and the area where you need improved Wi-Fi coverage. Ensure the signal LEDs indicate a strong connection to your main router.



Figure 4: Gigabit Ethernet Ports for Wired Connections

## MAINTENANCE

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- **Keep Clean:** Regularly wipe the device with a soft, dry cloth. Avoid using liquid cleaners or aerosols.
- **Ventilation:** Ensure the device is placed in a well-ventilated area, away from direct sunlight or heat sources, to prevent overheating.
- **Firmware Updates:** Check the manufacturer's website periodically for firmware updates to ensure optimal performance and security.
- **Reset:** If the device experiences persistent issues, you can perform a factory reset by pressing and holding the Reset button for 8 seconds. Note that this will erase all custom settings.

## TROUBLESHOOTING

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- **No Power:** Ensure the extender is securely plugged into a working electrical outlet.
- **No Internet Access:**
  - Verify your main router has internet access.
  - Check the connection between the extender and the main router (signal LEDs should be solid).
  - Try relocating the extender closer to the main router.
- **Slow Speed:**
  - Ensure the extender is placed in an optimal location, not too far from the main router where the signal is already weak.
  - Minimize interference from other electronic devices.
  - Consider connecting high-bandwidth devices directly to the extender via Ethernet cable.
- **Cannot Access Setup Page:**
  - Ensure your device is connected to the extender's Wi-Fi network.
  - Clear your browser's cache and cookies, or try a different browser.
  - Verify the correct IP address or domain name is being used.

## SPECIFICATIONS

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Feature	Detail
Brand	AOOEPU
Model Number	WD-R1206U
Wireless Communication Standard	802.11 a/b/g/n/ac
Data Transfer Rate	1200 Megabytes Per Second (Mbps)
Frequency Bands	Dual Band (5GHz / 2.4GHz)
Antennas	4 External Directional Antennas
Coverage Area	Up to 12,880 sq.ft
Supported Devices	Up to 105 devices
Ethernet Ports	2 x Gigabit Ethernet Ports

<b>Special Features</b>	1-Tap Setup (WPS), 360 Degree Coverage, Directional Antenna, Firewall, WiFi Mesh Compatible
<b>Product Dimensions</b>	7.68 x 3.82 x 2.48 inches
<b>Item Weight</b>	5.6 ounces

## WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the documentation included with your product or visit the official AOOEPU store.

**AOOEPU Store:** <https://www.amazon.com/stores/AOOEPUElectronics/page/E979A0BD-6E92-4317-B953-828675CD57B0>