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› JOOWIN JW-WR768AC-B-USSM8 AC1200 Dual Band WiFi Range Extender User Manual

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1. PRODUCT OVERVIEW

The JOOWIN JW-WR768AC-B-USSM8 is an AC1200 Dual Band WiFi Range Extender designed to expand the coverage of your existing wireless network. It operates on both 2.4GHz and 5GHz bands, providing a combined speed of up to 1200Mbps (300Mbps on 2.4GHz and 867Mbps on 5GHz). Equipped with four high-gain external antennas, this device aims to eliminate Wi-Fi dead zones and deliver a stable, stronger signal throughout your home or office.

Key features include:

- **Dual Band AC1200 Speed:** Supports 802.11ac standard for faster speeds on both 2.4GHz and 5GHz bands.
- **Extended Coverage:** Capable of extending Wi-Fi coverage up to 1500 square feet.
- **High-Gain Antennas:** Four 3dBi external antennas enhance signal strength and penetration.
- **Efficient Heat Dissipation:** Integrated heat dissipation ports ensure stable and reliable operation.
- **Simple Setup:** Browser-based setup for quick and easy configuration.
- **Wireless Security:** Supports WPA-PSK/WPA2-PSK and WPA/WPA2 encryption protocols.



This image displays the JOOWIN AC1200 Dual Band WiFi Range Extender, highlighting its capability to operate on both 2.4GHz (300Mbps) and 5GHz (867Mbps) wireless bands for extended coverage.

Vanguard WiFi



Faster speed



Greater capacity



Ultra low latency

5 GHz

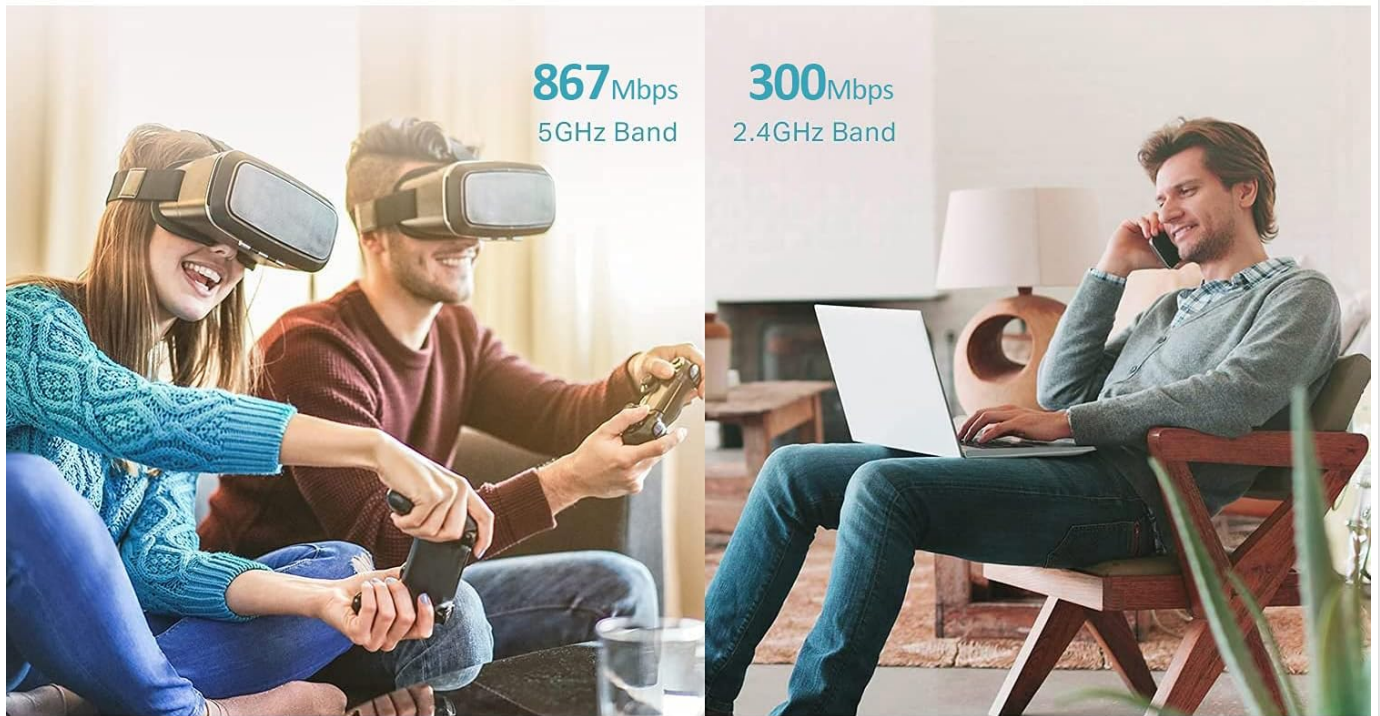


867Mbps

2.4 GHz



300Mbps



This graphic compares the data transfer speeds of the 5GHz band (867Mbps) and the 2.4GHz band (300Mbps), illustrating how the dual-band capability supports various activities from high-speed gaming to general internet browsing.

2. PACKAGE CONTENTS

Please verify that your package contains the following items:

- 1x JOOWIN AC1200 Dual Band WiFi Range Extender (Model: JW-WR768AC-B-USSM8)
- 1x Quick Installation Guide

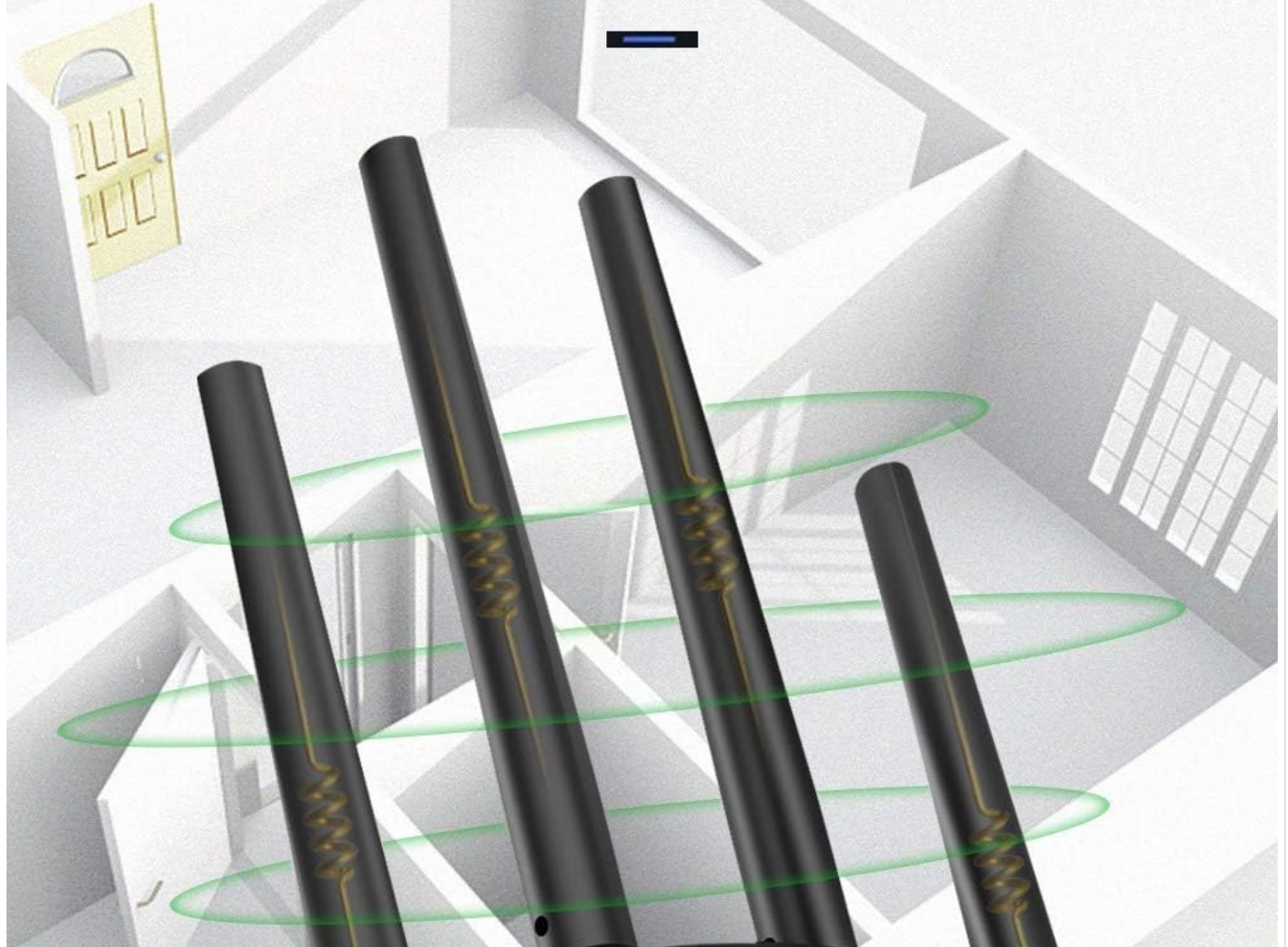
3. DEVICE COMPONENTS

Familiarize yourself with the physical components of your WiFi Range Extender:

Signal upgrade

Stable WiFi With 4*3dBi Antennas

Connect wifi repeater to router, extend wifi coverage



This image provides a detailed view of the JOOWIN WiFi Extender's physical features, including its four 3dBi external antennas, heat dissipation vents for stable operation, LED indicators for status, the power switch, and the reset button for factory defaults.

- **4x3dBi Antennas:** External antennas for improved signal transmission and reception.
- **Dissipating Heat Holes:** Vents designed to prevent overheating and ensure stable performance.
- **LED Indicators:** Lights that display the device's status, including power and signal strength.
- **Power Switch ON/OFF:** Button to turn the device on or off.
- **Reset Button:** Used to restore the device to its factory default settings.

4. SETUP INSTRUCTIONS (REPEATER MODE)

Follow these steps to set up your JOOWIN WiFi Range Extender in Repeater Mode:

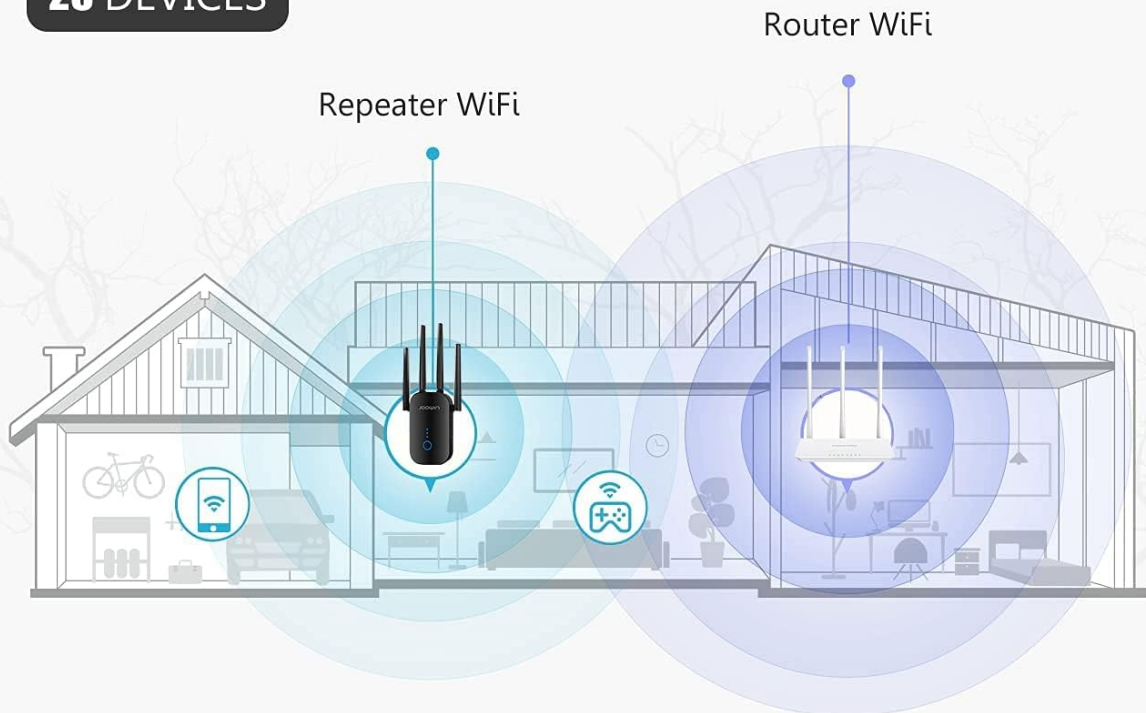
Stronger coverage for more devices

Extend the Coverage Up to 1200 sq.ft.

There are 4 gain antennas, which can reduce signal transmission loss and can connect up to 25 devices.

1200 SQ FT

25 DEVICES



This quick manual provides a visual, step-by-step guide for setting up the wireless repeater. It details connecting to the extender's temporary WiFi, accessing the web-based setup interface at 192.168.10.1, selecting the main router's WiFi network, entering the password, and finally connecting to the new extended network.

1. **Power On:** Plug the extender into an electrical outlet. Wait approximately 60 seconds for the device to boot up.
2. **Connect to Extender's Network:** On your smartphone, tablet, or computer, open your Wi-Fi settings. Connect to the network named "JOOWIN_2G" or "JOOWIN_5G". No password is required for this initial connection.
3. **Access Setup Page:** Open a web browser (e.g., Chrome, Firefox, Safari) and enter **192.168.10.1** in the address bar. Press Enter.
4. **Log In:** A login page will appear. Enter the default password "admin" (all lowercase) and click "SET PASSWORD" or similar to proceed. You may be prompted to create a new password for future access.
5. **Select Host Network:** The extender will scan for available Wi-Fi networks. Select your main router's Wi-Fi network (SSID) from the list.
6. **Enter Password:** Input the Wi-Fi password (security key) of your main router's network. Ensure the password is correct and matches your router's encryption type (WPA/WPA2 is recommended).

7. **Save Settings:** Click "Save Setting" or "Apply" to finalize the configuration. The extender will restart.
8. **Reconnect to Extended Network:** After the extender restarts, disconnect from the "JOOWIN_" network. Reconnect your devices to the new extended network, which will typically have your original router's name followed by "-2G" or "-5G" (e.g., "YourRouterName-2G").

Optimal Placement

For best performance, place the extender halfway between your router and the Wi-Fi dead zone. The LED indicators on the extender will help you find an ideal location by showing the strength of the signal received from your main router.



This diagram illustrates how to strategically place the WiFi repeater to maximize coverage, extending the wireless signal from the main router to previously uncovered areas of a home, supporting up to 25 devices over 1200 square feet.

5. OPERATING MODES

The JOOWIN JW-WR768AC-B-USSM8 primarily supports **Repeater Mode**.

- **Repeater Mode:** This mode extends the wireless coverage of an existing Wi-Fi network. The extender connects wirelessly to your main router and rebroadcasts the signal, effectively expanding the range to areas with weak or no signal. This device does not feature a WAN/LAN port, focusing solely on wireless signal extension.

6. MAINTENANCE

To ensure the longevity and optimal performance of your WiFi Range Extender, consider the following maintenance tips:

- **Keep Clean:** Regularly wipe the device with a soft, dry cloth to remove dust. Avoid using liquid cleaners.
- **Proper Ventilation:** Ensure the heat dissipation holes are not obstructed to prevent overheating. Do not place the device in enclosed spaces.
- **Environmental Conditions:** Avoid exposing the device to extreme temperatures, high humidity, or direct sunlight.
- **Firmware Updates:** Periodically check the JOOWIN official website for any available firmware updates. Updating firmware can improve performance and security.

7. TROUBLESHOOTING

If you encounter issues with your JOOWIN WiFi Range Extender, refer to the following common problems and solutions:

- **Q: Why can't I open the IP address: 192.168.10.1?**
A:
 - a. Ensure your device (computer, smartphone) is connected to the extender's temporary network SSID (e.g., "JOOWIN_2G" or "JOOWIN_5G").
 - b. Verify that your device is set to obtain an IP address automatically.
 - c. Confirm that "192.168.10.1" is correctly typed into your web browser's address bar.
- **Q: Why does it show my router password is wrong or empty after inputting it?**
A:
 - a. Check your main router's encryption method. If it is WEP, please change it to WPA or WPA2 for better security and compatibility.
 - b. Ensure your router's Wi-Fi password is between 8 and 32 characters long.
 - c. Double-check that you are entering the exact password for your main router, including case sensitivity.
- **General Troubleshooting Tips:**
A:
 - **Check Power:** Ensure the extender is properly plugged into a working power outlet.
 - **Reset Device:** If the extender is unresponsive, press and hold the reset button for 5-10 seconds until the LEDs flash, then release. This will restore factory defaults, and you will need to reconfigure it.
 - **Relocate Extender:** Try moving the extender to a different location, closer to your main router, to see if signal strength improves.

8. SPECIFICATIONS

Feature	Detail
Model Number	JW-WR768AC-B-USSM8

Wireless Standard	IEEE 802.11 ac/a/b/g/n
Frequency Bands	2.4GHz & 5GHz
Wireless Speed	Up to 1200Mbps (300Mbps 2.4GHz, 867Mbps 5GHz)
Antennas	4 x 3dBi External Antennas
Wireless Security	WPA-PSK/WPA2-PSK, WPA/WPA2
Coverage Area	Up to 1500 sq.ft.
Item Weight	7.4 ounces
Package Dimensions	10.87 x 5 x 3.19 inches
Date First Available	September 22, 2020

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the retailer's return policy or visit the official JOOWIN website. Specific warranty terms may vary based on your region and point of purchase.

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