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Model: AC1200

1. INTRODUCTION

The AOOEPU AC1200 Dual Band WiFi Extender is designed to expand your existing wireless network coverage and improve signal strength. This device supports both 2.4GHz and 5GHz bands, offering speeds up to 1200Mbps for various online activities. It is compatible with a wide range of devices and can cover large areas, eliminating Wi-Fi dead zones.

Key features include:

- **Dual Band Speed:** 2.4GHz (300Mbps) for stable, long-range connections and 5GHz (900Mbps) for high-speed tasks like gaming and streaming.
- **Extensive Coverage:** Extends Wi-Fi signal up to 12880 sq.ft, converting dead zones into areas with strong, consistent Wi-Fi.
- **High Device Support:** Connects up to 105 devices simultaneously without compromising network performance.
- **EasyMesh Compatibility:** Allows seamless expansion of your Wi-Fi network by pairing with other mesh-enabled extenders.

2. SETUP GUIDE

Setting up your AOOEPU AC1200 WiFi Extender is designed to be straightforward. You can use either the WPS button for a quick setup or a manual web-based configuration.

2.1. WPS (Wi-Fi Protected Setup) Method

1. **Power On:** Plug the WiFi Extender into an electrical outlet near your main router. Wait for the power indicator light to turn on.
2. **Activate WPS on Router:** Press the WPS button on your main router. Refer to your router's manual for the exact location and timing.
3. **Activate WPS on Extender:** Within two minutes, press the WPS button on the AOOEPU AC1200 WiFi Extender. The WPS indicator light on the extender will blink.

4. **Connection Confirmation:** Once connected, the signal indicator lights on the extender will turn solid, indicating a successful connection. You can then unplug the extender and move it to a desired location within your router's Wi-Fi range.



Image: Visual guide for the one-tap WPS setup process.

2.2. Manual Web-Based Setup

1. **Power On:** Plug the WiFi Extender into an electrical outlet near your main router.
2. **Connect to Extender's Network:** On your computer or mobile device, connect to the extender's default Wi-Fi network (e.g., "WiFi-Extender_XXXX"). No password is required initially.
3. **Access Setup Page:** Open a web browser and enter the default IP address (usually 192.168.1.1 or check the user guide for specific address) or the domain name (e.g., wifirepeater.net) provided in the manual.
4. **Login:** Enter the default username and password (usually "admin" for both).
5. **Select Mode:** Choose your desired operating mode (Repeater, AP, or Router).
6. **Configure Network:** Follow the on-screen instructions to select your main Wi-Fi network and enter its password.
7. **Apply Settings:** Save the settings. The extender will restart.
8. **Relocate Extender:** Once the setup is complete and the signal lights are solid, you can unplug and move the extender to an optimal location.

Your browser does not support the video tag.

Video: An official product video demonstrating the setup and functionality of the WiFi extender.

3. OPERATING MODES

The AOOEPU AC1200 WiFi Extender supports three primary operating modes to suit various networking needs:

- **Repeater Mode:** Extends the coverage of an existing wireless network. This is ideal for eliminating Wi-Fi dead zones in your home or office.
- **AP (Access Point) Mode:** Converts a wired network connection into a wireless one. This is useful for adding Wi-Fi capability to a wired-only router or creating a new Wi-Fi hotspot.
- **Router Mode:** Functions as a primary router, creating a new private network. This mode is suitable for small

networks or as a temporary router solution.



Image: Diagram explaining the three operational modes of the WiFi Extender.

4. FEATURES AND BENEFITS

4.1. Enhanced Coverage and Performance

The AC1200 extender significantly boosts your Wi-Fi signal, providing up to 12880 sq.ft of coverage. Its four directional antennas ensure a stable and strong connection across various areas, including living rooms, bedrooms, and even extending to outdoor spaces like yards or swimming pools.



Image: Illustration of the WiFi Extender's extensive coverage area.

4.2. Multi-Device Connectivity

With support for up to 105 devices, this extender is suitable for households or small offices with numerous connected gadgets. It maintains high-speed performance even with multiple devices simultaneously streaming, gaming, or browsing.



Image: Visual representation of the extender's capacity to support numerous devices.

4.3. Gigabit Ethernet Port

The integrated Gigabit Ethernet port allows for a stable and fast wired connection for devices such as smart TVs, gaming consoles, or desktop computers, ensuring optimal performance for bandwidth-intensive tasks.



Image: Close-up of the Gigabit Ethernet port.

4.4. Reliable Security

The extender complies with IEEE 802.11ac, IEEE 802.11n, IEEE 802.11g, and IEEE 802.11b standards, ensuring

compatibility and reliable security for your wireless network.

Product Specifications

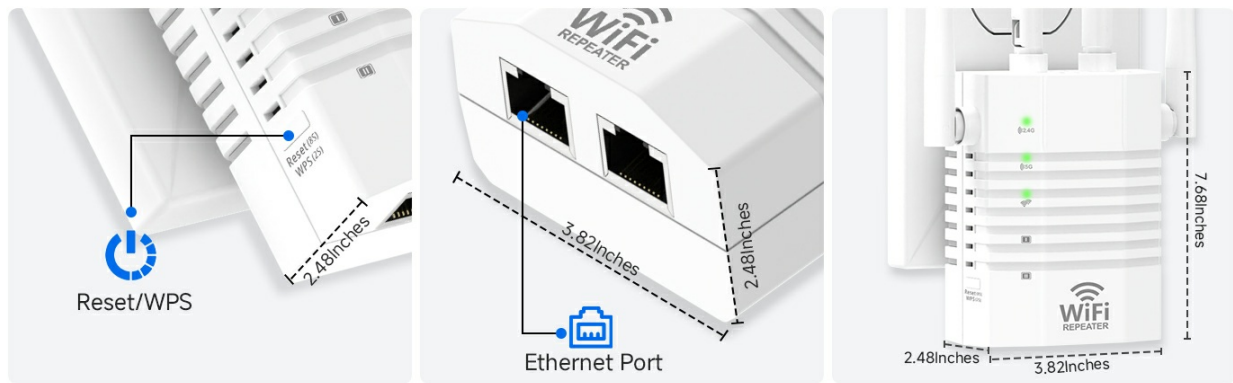


Image: Representation of the extender's security features.

4.5. Efficient Heat Dissipation

Designed with multi-side heat dissipation, the extender effectively prevents high temperatures, ensuring stable and continuous operation over extended periods.



Image: Illustration of the heat dissipation design.

5. MAINTENANCE

To ensure optimal performance and longevity of your AOOEPU AC1200 WiFi Extender, follow these maintenance guidelines:

- **Placement:** Position the extender in a central location, away from obstructions like thick walls, metal objects, or large appliances that can interfere with Wi-Fi signals.
- **Cleaning:** Regularly clean the exterior of the device with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Firmware Updates:** Check the manufacturer's website periodically for firmware updates. Keeping the firmware updated can improve performance, security, and add new features.

- **Ventilation:** Ensure the extender's ventilation slots are not blocked to allow for proper heat dissipation.
- **Power Cycle:** If you experience connectivity issues, try power cycling the extender by unplugging it for 10 seconds and then plugging it back in.

6. TROUBLESHOOTING

If you encounter issues with your AOOEPU AC1200 WiFi Extender, refer to the following common troubleshooting steps:

- **No Power:** Ensure the extender is securely plugged into a working electrical outlet. Check if the power indicator light is on.
- **No Internet Access:** Verify that your main router has an active internet connection. If the extender is in Repeater mode, ensure it is successfully connected to your main router's Wi-Fi network (check signal indicator lights).
- **Weak Signal:** Relocate the extender closer to your main router. Ensure there are no major obstructions between the extender and your devices. Adjust the antennas for optimal reception.
- **Cannot Access Setup Page:** Ensure your device is connected to the extender's default Wi-Fi network. Try clearing your browser's cache or using a different browser. Verify the correct IP address or domain name is entered.
- **Forgotten Login Password:** Perform a factory reset by pressing and holding the Reset/WPS button for approximately 10 seconds until the lights flash. This will revert the extender to its default settings.
- **Slow Speeds:** Ensure the extender is placed within optimal range of your main router. Consider switching between 2.4GHz and 5GHz bands for different devices based on their distance and bandwidth needs.

7. SPECIFICATIONS

Feature	Detail
Brand	AOOEPU
Model	AC1200
Wireless Standards	IEEE 802.11ac/n/g/b
Frequency Bands	2.4GHz and 5GHz
Max Data Rate	1200Mbps (300Mbps on 2.4GHz, 900Mbps on 5GHz)
Antennas	4 External Directional Antennas
Coverage Area	Up to 12880 sq.ft
Device Support	Up to 105 devices
Ports	1x Gigabit Ethernet Port
Security	WPA/WPA2, WPA-PSK/WPA2-PSK encryption
Dimensions (WxDxH)	3.82" x 2.48" x 7.68" (approximate, based on image)
Color	White
UPC	718027563872



Image: Detailed product specifications and physical features.