

## Fululuer 1200M WiFi Extender

# Fululuer 1200M WiFi Extender Signal Booster Instruction Manual

## 1. INTRODUCTION

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The Fululuer 1200M WiFi Extender 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 dual-band repeater supports both 2.4GHz and 5.8GHz frequencies, offering speeds up to 1200Mbps and compatibility with up to 108 devices. It features multiple operating modes, including Repeater and Access Point (AP) modes, to suit various networking needs.

## 2. PRODUCT OVERVIEW

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### 2.1. Components

- Fululuer 1200M WiFi Extender unit with four external antennas
- Ethernet Port (RJ45)
- Power Plug (US standard)
- LED Indicators for Power, Wi-Fi Signal, and Ethernet connection

### 2.2. Key Features

- **High Speed:** Expands network to hard-to-reach areas with speeds up to 1200Mbps.
- **Wide Coverage:** Covers up to 12980 Sq.ft, suitable for large homes and outdoor areas.
- **Dual-Band Technology:** Supports 5.8GHz and 2.4GHz frequencies for stable and fast connections.
- **Device Capacity:** Connects up to 108+ devices simultaneously.
- **Multiple Modes:** Supports Repeater Mode and AP Mode.
- **Ethernet Port:** Allows wired devices to connect to the network.
- **Enhanced Security:** Supports WPA/WPA2 for network protection.

### 2.3. Visual Reference

# Why choose Our ?

Ours



- ✓ 1-Tap Setup
- ✓ Strong Signal
- ✓ 12980 Sq.ft
- ✓ Faster
- ✓ 108+ Devices
- ✓ Advanced Chips

Others



- ✗ Tedious Settings
- ✗ Weak Signal
- ✗ 1500 Sq.ft
- ✗ Does not Work
- ✗ 20+ Devices
- ✗ Used Chips

VS

Figure 1: Front view of the Fululuer 1200M WiFi Extender, showing the four adjustable antennas and status LED indicators.



Figure 2: The WiFi Extender supports wide compatibility, connecting to over 108 devices including smart home gadgets, laptops, and mobile phones.

Video 1: A brief product overview video demonstrating the physical features and general use of the WiFi Extender.

### 3. SETUP

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#### 3.1. Initial Power-Up

1. Plug the Fululuer 1200M WiFi Extender into a power outlet near your existing Wi-Fi router.
2. Wait for approximately 60 seconds until the Power LED indicator turns solid blue, indicating it is ready for configuration.

# Improved Wi-Fi Performance of The Router


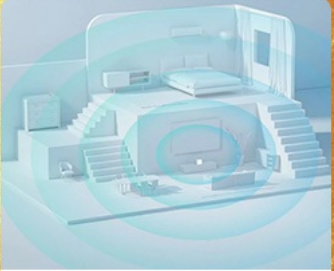




Figure 3: The WiFi Extender plugged directly into a standard wall outlet for power.

## 3.2. Configuration via Smartphone/PC

1. On your smartphone, tablet, or PC, go to your Wi-Fi settings.
2. Search for the network named "WiFi Repeater-XXXX" or "Repeater-XXXX-5G" (where XXXX represents the last four digits of the device's MAC address).
3. Connect to this network. No password is required for the initial connection.
4. Once connected, open a web browser and enter **192.168.11.1** or **zalogin.cn** in the address bar to access the setup page.
5. On the login page, enter "admin" for both the username and password (default credentials).
6. Follow the on-screen instructions to select your desired operating mode (Repeater or AP) and connect to your existing Wi-Fi network by entering its password.
7. After successful configuration, the extender will reboot. Reconnect your devices to the new extended Wi-Fi network (usually your original Wi-Fi name with "\_EXT" or "\_5GEXT" appended).

## Our

 <p><b>1-Tap Setup</b></p>	 <p><b>Strong Signal &amp; 12980 Sq.ft</b></p>
 <p><b>Speed Up to 81% Faster</b></p>	 <p><b>108+ Devices &amp; Advanced Chips</b></p>

## Other



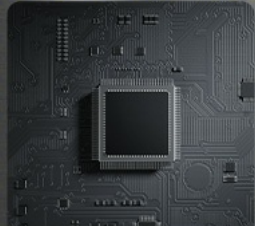

 <p><b>Tedious Settings</b></p>	 <p><b>Weak Signal &amp; 1500 Sq.ft</b></p>
 <p><b>Does not Work &amp; 20+ Devices</b></p>	 <p><b>Used Chips</b></p>

Figure 4: The simple setup process allows users to quickly configure the extender using a smartphone or PC.

## 4. OPERATING MODES

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### 4.1. Repeater Mode

In Repeater Mode, the device extends the coverage of your existing wireless network. It receives the Wi-Fi signal from your main router and re-broadcasts it, effectively eliminating dead zones and extending your network's reach. This mode is ideal for covering larger areas where the main router's signal is weak.

### 4.2. Access Point (AP) Mode

In AP Mode, the device transforms a wired internet connection into a wireless access point. Connect an Ethernet cable from your router to the extender's Ethernet port, and the extender will create a new Wi-Fi network. This is useful for adding wireless capabilities to a wired network or creating a separate Wi-Fi network in a specific area.

## Strong Penettability



Figure 5: The Ethernet port on the extender allows for wired connections, enabling AP mode or connecting wired devices to the extended network.

### 5. PLACEMENT FOR OPTIMAL PERFORMANCE

Proper placement of your WiFi Extender is crucial for maximizing its effectiveness. The extender should be placed halfway between your main router and the Wi-Fi dead zone. Ensure the extender receives a strong signal from your main router to effectively re-broadcast it. Avoid placing the extender in areas with no signal from the main router, as it will only repeat a weak or non-existent signal.



Figure 6: Strategic placement of the extender in a central location between the router and dead zones ensures improved Wi-Fi performance throughout the home.

Video 2: This video explains the importance of correct placement for a WiFi repeater to ensure it extends coverage effectively rather than just repeating a slow signal.

## 6. MAINTENANCE

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To ensure the longevity and optimal performance of your Fululuer 1200M WiFi Extender, consider the following maintenance tips:

- **Keep Clean:** Regularly wipe the device with a soft, dry cloth to prevent dust accumulation, which can affect ventilation and performance.
- **Ventilation:** Ensure the device is placed in a well-ventilated area, away from direct sunlight or heat sources, to prevent overheating.
- **Firmware Updates:** Periodically check the manufacturer's website for any available firmware updates. Updating the firmware can improve performance, add new features, and enhance security.
- **Reboot Periodically:** Like most networking devices, a periodic reboot (unplugging and replugging after 10-15 seconds) can help clear temporary glitches and improve stability.

## 7. TROUBLESHOOTING

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### 7.1. Slow Speed After Setup

If your internet speed is slower when connected to the extender compared to your main router, it might be due to improper placement. Ensure the extender is placed within the strong signal range of your main router, ideally halfway between the router and the desired coverage area. The extender can only amplify the signal it receives; if it receives a weak signal, it will re-broadcast a weak signal.

### 7.2. No Signal in Certain Areas

If you experience no signal in specific rooms or areas, it indicates that the extender's coverage does not reach those

spots. Try repositioning the extender to a more central location or closer to the problematic area. Physical obstructions like thick walls, large appliances, or metal objects can significantly degrade Wi-Fi signals.

### 7.3. Setup Failure

If the setup process fails, ensure you are connecting to the correct extender network (e.g., "WiFi Repeater-XXXX") and entering the correct password for your main Wi-Fi network. Double-check the default login credentials for the setup page (admin/admin). If issues persist, try resetting the extender to factory defaults (usually by pressing a reset button for 5-10 seconds) and repeat the setup process.

### 7.4. Intermittent Connection

Intermittent connections can be caused by interference from other electronic devices, network congestion, or outdated firmware. Try changing the channel of your main router's Wi-Fi signal, ensuring the extender is not too close to other signal-emitting devices, and checking for firmware updates.

## 8. SPECIFICATIONS

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- **Brand:** Fululuer
- **Model:** 1200M WiFi Extender
- **Wireless Communication Standard:** 2.4 GHz Radio Frequency, 5.8 GHz Radio Frequency, 802.11ac
- **Data Transfer Rate:** 1200 Megabits Per Second
- **Special Feature:** Advanced Antenna Design, Easy Setup
- **Color:** White
- **Item Weight:** 5.3 ounces
- **Package Dimensions:** 8.07 x 3.78 x 2.13 inches
- **Manufacturer:** Fululuer
- **Security Support:** WPA/WPA2
- **Coverage Area:** Up to 12980 Sq.ft
- **Device Capacity:** Up to 108+ Devices

## 9. WARRANTY AND SUPPORT

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For warranty information, technical support, or further assistance with your Fululuer 1200M WiFi Extender, please refer to the contact information provided in your product packaging or visit the official Fululuer website. Keep your purchase receipt for warranty claims.