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› [NEWFAST WiFi Booster Range Extender 1200Mbps User Manual](#)

## NEWFAST 1200 Mbps

# NEWFAST WiFi Booster Range Extender 1200Mbps User Manual

Model: 1200 Mbps

## 1. PRODUCT OVERVIEW

The NEWFAST WiFi Booster Range Extender is designed to expand your existing Wi-Fi network coverage, eliminate dead zones, and provide a strong, stable internet connection throughout your home or office. This dual-band device supports speeds up to 1200Mbps (867Mbps on 5GHz and 300Mbps on 2.4GHz), making it suitable for various online activities including 4K HD video streaming, online gaming, and general browsing.





Image: The NEWFAST WiFi Booster Range Extender, showcasing its compact design and four adjustable antennas.

## 2. KEY FEATURES

- **High-Speed Dual-Band Connectivity:** Offers combined speeds of up to 1200Mbps (867Mbps on 5GHz and 300Mbps on 2.4GHz) for seamless internet usage across multiple devices.

# High Performance Dual-Band WiFi Up to 1200Mbps

Universal compatibility with all the latest router, access Point, WiFi-enabled devices, and internet service providers.

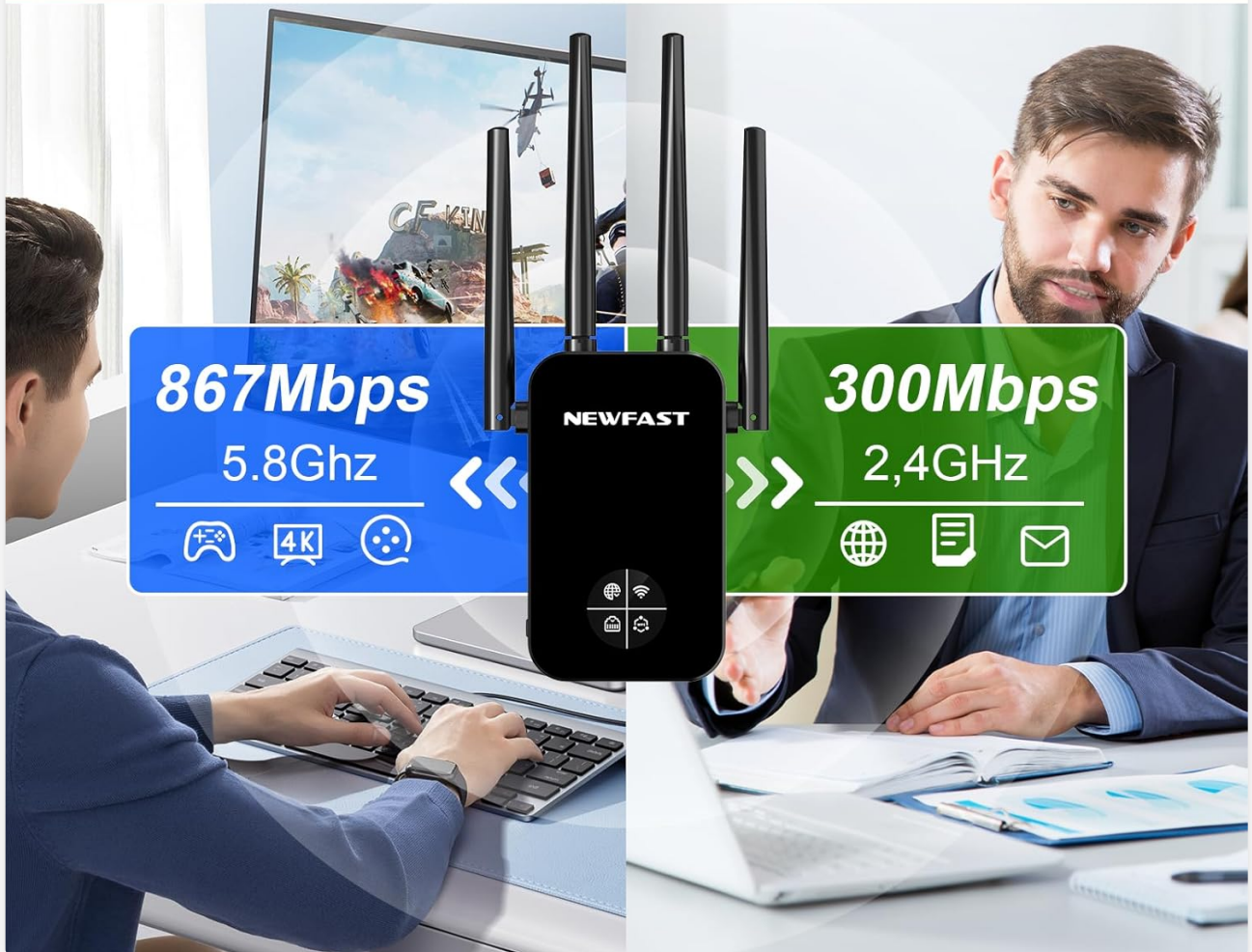


Image: Visual representation of the dual-band capabilities, highlighting 5.8GHz (867Mbps) and 2.4GHz (300Mbps) speeds.

- **Wide Signal Coverage:** Equipped with four external antennas and advanced signal enhancement technology to bypass obstacles and provide 360° coverage, eliminating Wi-Fi dead zones.
- **Smart LCD Display:** Features a display for simplified setup and easy monitoring of network, Wi-Fi, and WPS indications. *Note: This is not a touchscreen.*

# Newest Smart LCD Display WiFi Repeater

The 1200Mbps WiFi Extender supports 99% WiFi internet box(802.11ac/b/g/n/a).

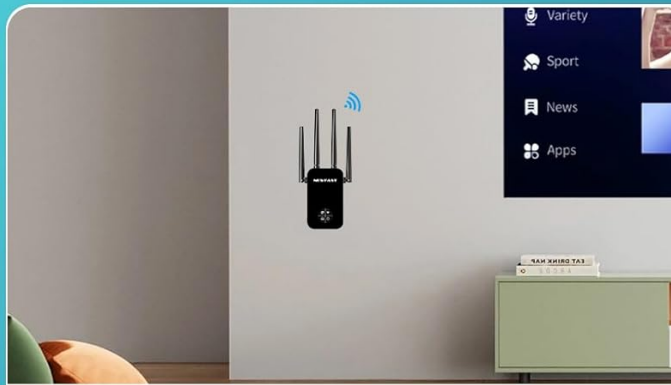


Image: Detailed view of the WiFi repeater's smart LCD display and physical dimensions, showing network, WiFi, and WPS indicators.

- **Enhanced Wi-Fi Security:** Supports WPA/WPA2 and WPA-PSK/WPA2-PSK encryption protocols to protect your network from unauthorized access and ensure data privacy.
- **Multiple Operating Modes:** Supports Repeater, Router, AP (Access Point), Bridge, and Client modes to suit various network requirements.

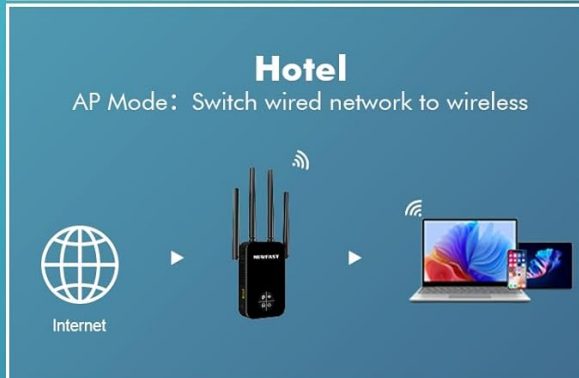


# 5 MODES & MULTIPLE FUNCTIONS



## Home

Repeater Mode/Bridge Mode: Extend WiFi signal



## Hotel

AP Mode: Switch wired network to wireless



## Office/Cafe

Router Mode: Regular router for home use  
Client Mode: Turn wireless signal to wired network



Image: Illustration of the five operating modes: Repeater/Bridge for Home, AP for Hotel, and Router/Client for Office/Cafe scenarios.

- **Broad Compatibility:** Works seamlessly with all wireless network devices, routers, modems, and Wi-Fi-enabled gadgets that follow 802.11AC/N/B/G standards, including smartphones, tablets, laptops, smart TVs, and game consoles.
- **Ethernet Port:** Includes an Ethernet port for connecting wired devices, providing a stable connection for devices like gaming consoles or desktop computers.

## 3. PACKAGE CONTENTS

Upon opening the package, please ensure all items are present and in good condition:

- 1 x NEWFAST WiFi Extender
- 1 x User Manual

## 4. SETUP GUIDE

## 4.1 Initial Placement

For optimal performance, plug the NEWFAST WiFi Booster into an electrical outlet located approximately halfway between your main router and the area where you experience weak Wi-Fi signal. Avoid placing it near large metal objects, microwave ovens, or other devices that may cause interference.

## 4.2 One-Tap Connection (WPS Method)

The simplest way to set up your NEWFAST WiFi Booster is using the WPS (Wi-Fi Protected Setup) button:

1. Plug the NEWFAST WiFi Booster into a power outlet. Wait for the power indicator light to stabilize.
2. Press the WPS button on your main wireless router.
3. Within 2 minutes, press and hold the WPS/Reset button on the NEWFAST WiFi Booster for 2-3 seconds.
4. The WPS indicator on the booster will flash and then turn solid, indicating a successful connection. The booster will automatically extend your router's Wi-Fi network.

**WiFi Repeater can connect to various wired devices**

TV Box, Webcams, Printers, PS3/4, Computers

**One-Tap Connection Setup**  
Easy To Install Using WPS Button

Press WPS button on your main wireless router

Press the WPS button of our wifi repeater for 2-3 seconds(Long press), wait for data configuration, Setup complete.

Image: Step-by-step guide for setting up the WiFi extender using the WPS button on both the router and the extender.

## 4.3 Manual Setup (Web Browser Method)

If your router does not support WPS, or if you prefer manual configuration, follow these steps:

1. Plug the NEWFAST WiFi Booster into a power outlet near your computer or mobile device.
2. Connect your computer or mobile device to the booster's default Wi-Fi network (e.g., "NEWFAST\_EXT"). This network will not have internet access initially.
3. Open a web browser (e.g., Chrome, Firefox) and enter the default IP address or domain name provided in the booster's quick start guide (commonly 192.168.1.1 or extender.net).
4. Log in using the default username and password (usually "admin" for both).
5. Follow the on-screen wizard to select your desired operating mode (Repeater, AP, Router, etc.) and connect to your existing Wi-Fi network by selecting its name (SSID) and entering its password.
6. Once configured, the booster will restart. You can then connect your devices to the extended network.

## 5. OPERATING MODES

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The NEWFAST WiFi Booster supports multiple operating modes to cater to different networking needs:

- **Repeater Mode (Range Extender):** Extends the coverage of an existing wireless network. This is the most common mode for eliminating Wi-Fi dead zones.
- **AP Mode (Access Point):** Transforms a wired network connection into a wireless one. Ideal for creating a new Wi-Fi hotspot in a hotel room or office where only an Ethernet port is available.
- **Router Mode:** Functions as a primary wireless router, creating a new private network. This mode is typically used when you have a modem but no router.
- **Bridge Mode:** Connects two separate network segments, often used to connect wired devices to a wireless network.
- **Client Mode:** Allows wired devices (like smart TVs, gaming consoles, or desktop PCs) to connect to a wireless network. The booster acts as a wireless adapter for these devices.

## 6. SPECIFICATIONS

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# The Latest Smart Chips

Stronger Anti-interference, High Speed, perfect matching with your home routing.

Maximum 20 dBm transmitting power and 4 \*3dbi antennas easily through the wall. Powerful 4 High-Gain External Antennas 180 ° Rotatable

High-Performance Chip

4 External Antennas

Heat Dissipation

WPS/Reset button

Ethernet Port

Image: An exploded view of the NEWFAST WiFi Booster, highlighting its high-performance chip, external antennas, heat dissipation, and WPS/Reset button.

Feature	Detail
Brand	NEWFAST
Model	1200 Mbps WiFi Booster Range Extender
Wireless Communication Standard	802.11a/b/g/n/ac
Data Transfer Rate	1200 Megabits Per Second (Mbps)
Frequency Band Class	Dual-Band (5GHz & 2.4GHz)
Antennas	4 External Antennas (180° Rotatable)
Special Feature	Access Point Mode, Smart LCD Display
Security Protocols	WPA/WPA2, WPA-PSK/WPA2-PSK



Feature	Detail
Ports	1 x Ethernet Port
Dimensions (Approx.)	197mm (H) x 62mm (W) x 22mm (D)
Weight (Approx.)	230 g
Country of Origin	China

## 7. TROUBLESHOOTING

If you encounter issues with your NEWFAST WiFi Booster, please refer to the following common solutions:

- **No Power/Indicator Lights Off:**

- Ensure the booster is securely plugged into a working electrical outlet.
- Try a different power outlet.

- **Cannot Connect to the Booster's Wi-Fi:**

- Make sure the booster is powered on and within range of your device.
- Verify you are selecting the correct Wi-Fi network name (SSID) for the booster.
- If you changed the booster's Wi-Fi name, ensure you are connecting to the new name.

- **No Internet Access After Connecting to Booster:**

- Ensure the booster is successfully connected to your main router (check the indicator lights, usually a solid Wi-Fi or network light).
- Re-run the setup process (WPS or manual) to ensure the booster is correctly configured to extend your main router's network.
- Check if your main router has internet access.
- Try repositioning the booster closer to your main router.

- **Slow Speed or Unstable Connection:**

- Relocate the booster to an optimal position, ideally halfway between your router and the weak signal area. Avoid placing it in corners or near obstructions.
- Ensure there are no major sources of interference (e.g., microwaves, cordless phones) nearby.
- Check for firmware updates for your booster (refer to the manufacturer's website if available).
- If many devices are connected, consider the total bandwidth available from your main router.

- **WPS Setup Fails:**

- Ensure your main router supports WPS and that its WPS function is enabled.
- Press the WPS buttons on both devices within the specified time frame (usually 2 minutes).
- Try the manual setup method via a web browser.

- **Resetting the Booster:**

- If issues persist, you can perform a factory reset. With the booster powered on, use a pin or paperclip to press and hold the WPS/Reset button for approximately 5-10 seconds until the lights flash. This will restore the booster to its factory default settings, and you will need to set it up again.

## 8. MAINTENANCE

To ensure the longevity and optimal performance of your NEWFAST WiFi Booster:

- Keep the device in a cool, dry place, away from direct sunlight and excessive heat or moisture.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Ensure proper ventilation around the device; do not block the ventilation holes.
- Periodically check for firmware updates on the NEWFAST official website to ensure you have the latest features and security enhancements.

## 9. WARRANTY AND SUPPORT

The NEWFAST WiFi Booster Range Extender comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your package or visit the official NEWFAST website.

For technical support, troubleshooting assistance, or any product-related inquiries, please contact NEWFAST customer service through their official support channels. Details can typically be found on the product packaging or the brand's website.

**Manufacturer:** NEWFAST