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WYZE WF6DBMRS

Wyze AX3000 Dual-Band Wi-Fi 6 Mesh Router System User Manual

Model: WF6DBMRS | Brand: WYZE

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1. INTRODUCTION

The Wyze AX3000 Dual-Band Wi-Fi 6 Mesh Router System provides fast, whole-home Wi-Fi coverage. This system utilizes Wi-Fi 6 technology for gigabit speeds and mesh networking to eliminate dead spots and expand coverage seamlessly throughout your home. It supports a high number of connected devices without compromising speed. The Wyze Mesh Router system is designed to replace traditional routers and extenders, offering a unified network experience. Management of the network, including parental controls and device prioritization, is performed through the Wyze app.

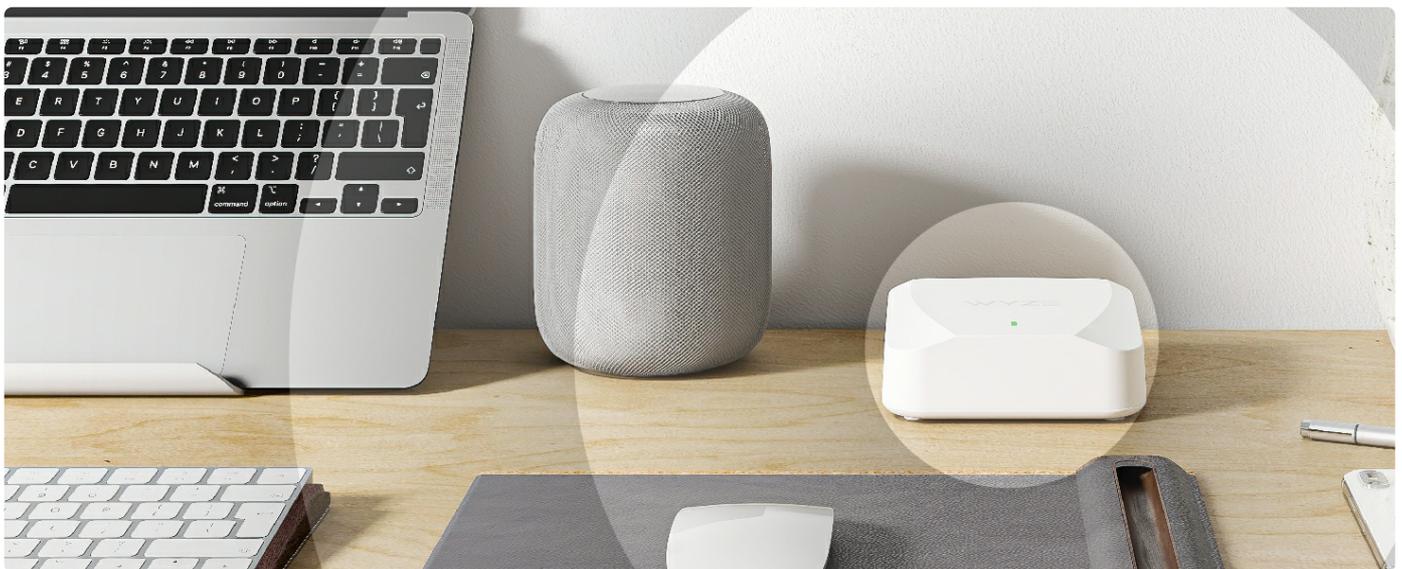


Image: The Wyze Mesh Router system ensures comprehensive Wi-Fi coverage throughout your home, eliminating dead zones.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 2 x Wyze Mesh Routers
- Quick Start Guide
- 1 x 3-foot Ethernet Cable
- 2 x Power Adapters (12V 1A)

Say goodbye to buffering

3 Gbps Wi-Fi 6 speed.
Internet speeds up to 1 Gbps per router.



Image: Contents of the Wyze Mesh Router 2-pack, including two routers, power adapters, and an Ethernet cable.

3. SETUP GUIDE

Setting up your Wyze Mesh Router system is a straightforward process guided by the Wyze app. Follow these steps for initial installation:

1. **Download the Wyze App:** Search for "Wyze" in your mobile device's app store (iOS or Android) and download the official Wyze app.
2. **Create or Log In:** Open the app and create a new Wyze account or log in with your existing credentials.
3. **Connect the First Router:**

- Connect one end of the provided Ethernet cable to the WAN port of your primary Wyze Mesh Router.
 - Connect the other end of the Ethernet cable to your modem's LAN port.
 - Plug the power adapter into the primary router and then into a power outlet. Wait for the router to power on.
4. **Follow In-App Instructions:** In the Wyze app, select "Add a new device" and choose the Wyze Mesh Router. The app will guide you through connecting to the router via Bluetooth and configuring your new Wi-Fi network name (SSID) and password.
 5. **Position Additional Routers:** The app will assist you in placing additional Wyze Mesh Routers to optimize coverage. Place them strategically to extend the Wi-Fi signal without creating dead spots. Ensure each router is within range of another router or the primary router for optimal mesh performance.
 6. **Connect Devices:** Once the mesh network is established, connect your devices (laptops, tablets, smart home devices) to the new Wi-Fi network using the SSID and password you created.

2 Ethernet ports on every router

Every Wyze Mesh Router supports wired backhaul and provides remote LAN ports for faster internet speeds.



Image: The Wyze app provides step-by-step instructions for a simple, plug-and-play installation of the mesh router system.

Note on Wired Backhaul: Each Wyze Mesh Router includes two 1 Gbps Ethernet ports. These ports support wired

backhaul, allowing you to connect routers via Ethernet cables for a more stable and faster connection between mesh nodes, especially useful for larger homes or areas with interference.

Better components for a better router

Optimized antennas. Stronger power amplifier. Bigger processor, with more memory. A faster, better router, with the data to back it up.



Image: Wyze Mesh Routers featuring two Ethernet ports each, supporting wired backhaul for enhanced network performance.

4. OPERATION

The Wyze Mesh Router system is designed for seamless operation, providing a unified Wi-Fi network throughout your home. All network management is handled through the Wyze app.

4.1 Wyze App Control Center

The Wyze app serves as the central control hub for your mesh network. From the app, you can:

- **Monitor Network Status:** View the status of all connected routers and devices.
- **Run Speed Tests:** Check your internet speed directly from the app.
- **Parental Controls:** Set up and manage parental controls to restrict internet access for specific devices or users.

- **Prioritize Devices:** Assign priority to certain devices for critical tasks like gaming or video conferencing.
- **Group Devices:** Organize devices by rooms or floors and manage their connectivity.
- **Guest Network:** Create a separate guest Wi-Fi network for visitors.

1,500 sq. ft. of whole-home, no-drop coverage per router

Make every room the fastest room in your house.

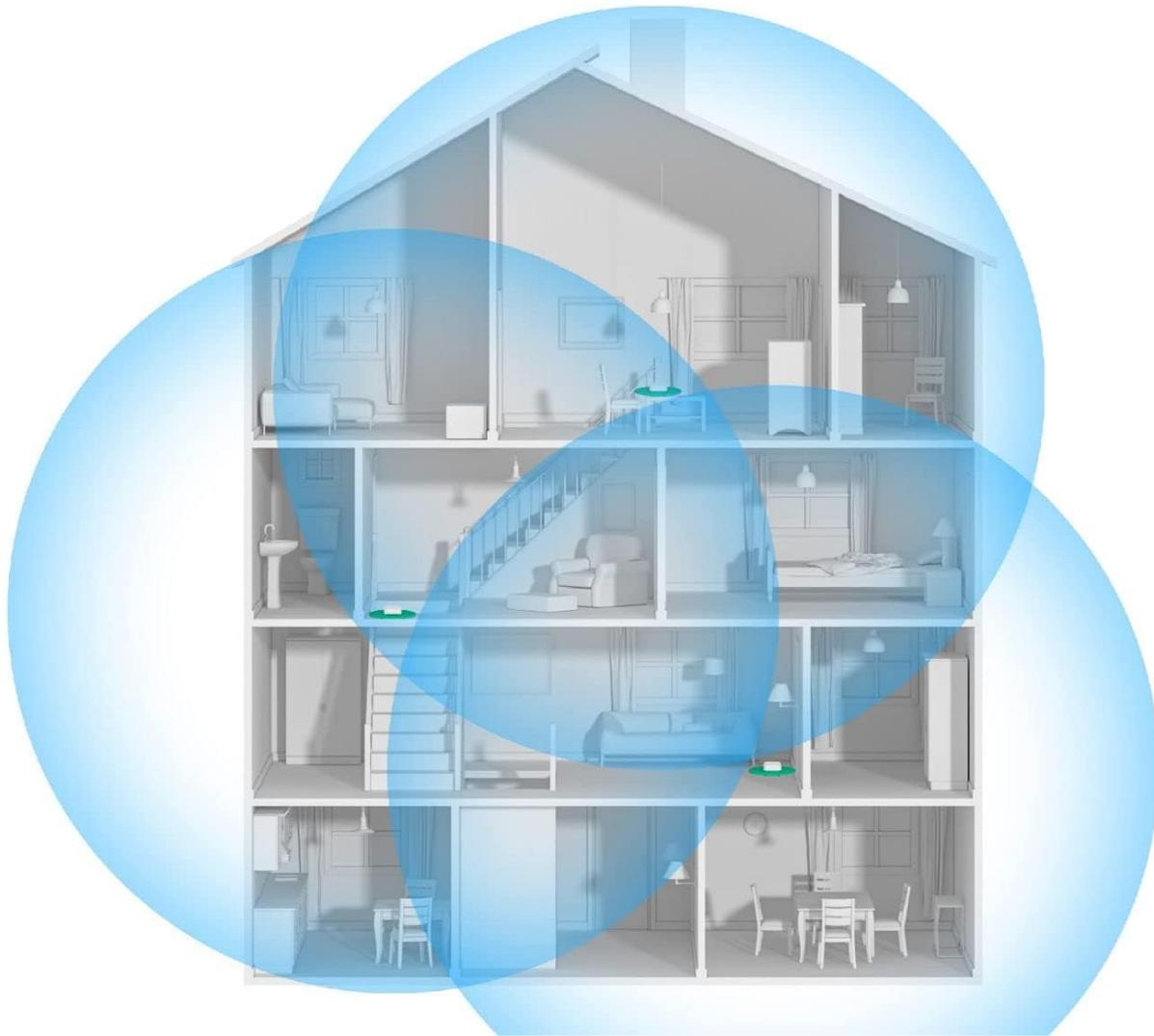


Image: The Wyze Mesh Router supports over 50 devices per router, ensuring stable connections for a smart home environment.

4.2 Seamless Roaming

With mesh technology, your devices automatically connect to the strongest Wi-Fi signal as you move throughout your home. This ensures uninterrupted connectivity for activities like video calls and streaming.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Wyze Mesh Router system.

- **Firmware Updates:** Regularly check for and install firmware updates through the Wyze app. Updates often include performance improvements, new features, and security enhancements.

- **Ventilation:** Ensure your routers are placed in well-ventilated areas. Avoid placing them in enclosed spaces or stacking them with other electronics, as this can lead to overheating and affect performance. The devices can generate significant heat during operation.
- **Cleaning:** Periodically clean the exterior of the routers with a soft, dry cloth to prevent dust buildup, which can impede airflow.
- **Power Cycle:** If you experience minor network issues, try power cycling your routers by unplugging them from the power outlet for 30 seconds and then plugging them back in.



Image: A Wyze Mesh Router positioned on an open shelf, demonstrating proper placement for adequate ventilation.

6. TROUBLESHOOTING

If you encounter issues with your Wyze Mesh Router system, refer to the following common troubleshooting steps:

- **No Internet Connection:**
 - Check if your modem is working correctly.

- Ensure all Ethernet cables are securely connected.
 - Power cycle both your modem and all Wyze Mesh Routers.
- **Spotty Wi-Fi Coverage or Dead Spots:**
 - Review the placement of your mesh routers using the Wyze app's placement guide. You may need to move a router closer to the primary unit or another mesh node.
 - Ensure there are no major obstructions (thick walls, large metal objects) between routers.
 - Consider using wired backhaul if possible, especially for routers further apart.
- **Devices Disconnecting Frequently:**
 - Ensure your router firmware is up to date.
 - Check for interference from other electronic devices.
 - Try restarting the affected device and the mesh router it connects to.
- **Router Running Hot:**
 - This is a known characteristic. Ensure the router is in a well-ventilated area and not enclosed.
 - Do not block any ventilation openings.
 - If excessive heat causes performance issues, consider elevating the router slightly to improve airflow underneath.
- **Wyze App Issues:**
 - Ensure your app is updated to the latest version.
 - Clear the app's cache or reinstall the app if problems persist.
 - Verify your phone's Bluetooth is enabled during initial setup or when prompted by the app.

For further assistance, refer to the Wyze support resources mentioned in the Support & Warranty section.

7. SPECIFICATIONS

Feature	Detail
Brand	WYZE
Model Number	WF6DBMRS
Wireless Type	802.11ax (Wi-Fi 6)
Frequency Band Class	Dual-Band
Coverage (per router)	Up to 1500 sq. ft.
Max Devices (per router)	50+
Ethernet Ports	2 x 1 Gbps ports per router (supports wired backhaul)
Operating System	ZyNOS
CPU	Qualcomm ARM Cortex A53 Dual-Core 1 GHz
Flash Memory	128 MB
RAM	512 MB

Dimensions (LxWxH)	6.54 x 5.28 x 4.88 inches
Item Weight	1.87 pounds
Color	White
Connectivity Technology	Ethernet, Wi-Fi

Simple, plug-and-play installation

Set up in minutes, step-by-step, in the Wyze app.

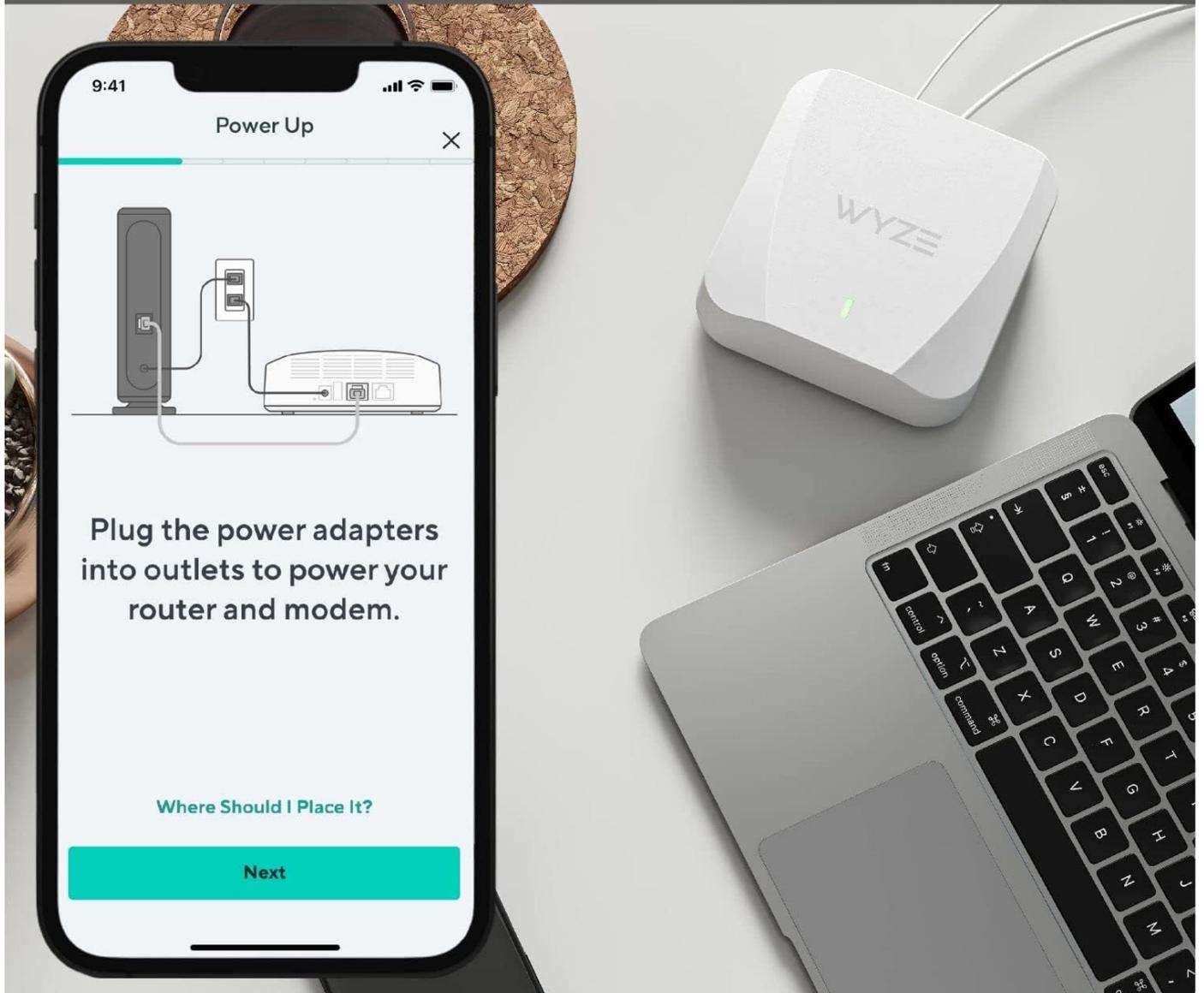


Image: Key features and specifications of the Wyze AX3000 Dual-Band Wi-Fi 6 Mesh Router.

Say goodbye to buffering

3 Gbps Wi-Fi 6 speed.
Internet speeds up to 1 Gbps per router.



Image: Detailed internal specifications including CPU, memory, and antenna features.

8. SUPPORT & WARRANTY

For technical support, warranty information, or to access additional resources, please visit the official Wyze support website or contact their customer service.

- **Online Support:** Visit [wyze.com/support](https://www.wyze.com/support) for FAQs, troubleshooting guides, and community forums.
- **Wyze App:** The Wyze app often provides direct access to support articles and contact options.
- **Warranty:** Information regarding the product warranty period and terms can typically be found on the Wyze official website or within the product packaging. Keep your proof of purchase for warranty claims.
- **Security:** The Wyze Mesh Router is equipped with Firedome, an advanced security software designed to protect connected devices from security threats.

