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NETGEAR RBK752P-100NAS

NETGEAR Orbi Whole Home Tri-Band WiFi 6 Mesh Network System

Model: RBK752P-100NAS

User Manual

1. Product Overview

The NETGEAR Orbi Whole Home Tri-Band WiFi 6 Mesh Network System (RBK752P) is designed to provide strong, reliable, and lightning-fast WiFi coverage throughout your entire home. This system includes a router and one satellite extender, offering high performance for simultaneous streaming, gaming, and browsing on multiple devices. It also integrates NETGEAR Armor for enhanced cybersecurity.



Figure 1: NETGEAR Orbi Router and Satellite units.



Figure 2: Key features of the Orbi RBK752P system, including up to 5.2Gbps streaming speed, 5,000 sq. ft. WiFi coverage, and support for up to 75 concurrent devices.

2. What's in the Box

Your NETGEAR Orbi system package should contain the following items:

- One (1) Orbi Router (RBR750P)
- One (1) Orbi Satellite (RBS750P)
- One (1) 2m Ethernet cable
- Two (2) power adapters
- Quick start guide

3. Setup Instructions

Follow these steps to set up your NETGEAR Orbi WiFi 6 Mesh Network System:

1. **Download the Orbi App:** Download the Orbi app on your mobile device from your app store. The app will guide you through the setup process.
2. **Connect Orbi Router:** Connect your Orbi Router (RBR750P) to your existing cable modem using the provided Ethernet cable. Then, connect the power adapter to the router and plug it into a power outlet.
3. **Place and Power Orbi Satellite:** Place your Orbi Satellite (RBS750P) in another part of your home where you want to extend WiFi coverage. Connect its power adapter and plug it into a power outlet. The satellite will automatically connect to the router.

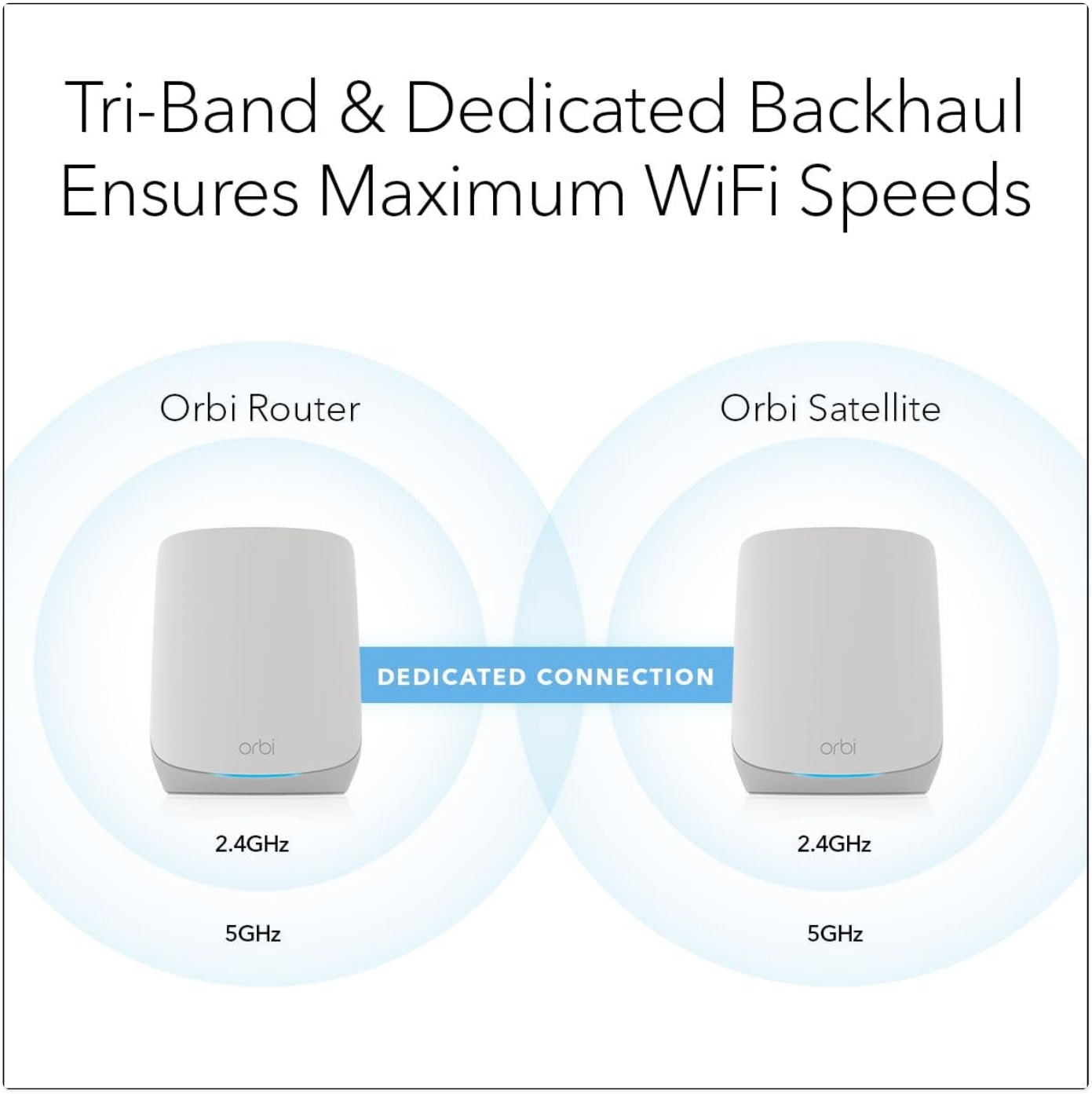


Figure 3: Visual guide for the easy setup process, including downloading the app, connecting the router, and placing the satellite.

Video 1: A product overview video demonstrating the physical aspects and basic setup of the Orbi system.

4. Operating Your Orbi System

The Orbi system provides seamless whole-home WiFi coverage. Here are some key operational aspects:

- **Tri-Band Technology:** The system utilizes tri-band WiFi 6 technology with a dedicated backhaul, ensuring maximum WiFi speeds and efficient data transfer between the router and satellites. This dedicated connection prevents speed degradation as devices connect.
- **Extensive Coverage:** The system offers coverage up to 5,000 sq. ft. and can support up to 75 devices simultaneously, providing robust connectivity for all your smart home devices, gaming consoles, and streaming needs.
- **Expandable Network:** You can easily expand your WiFi coverage by adding additional Orbi satellites (RBS760, sold separately). Each satellite extends coverage by up to 2,500 sq. ft.
- **Wired Connections:** The router features three 1 Gig Ethernet ports, and the satellite has two 1 Gig Ethernet ports, allowing for stable wired connections for devices like computers, game consoles, and smart TVs.



Figure 4: Diagram illustrating the Tri-Band and Dedicated Backhaul feature, showing how the router and satellite maintain a dedicated connection for optimal speed.



Figure 5: Illustration of the expandable mesh network, demonstrating how additional satellites can extend coverage throughout a home.

5. Maintenance

To ensure optimal performance and longevity of your Orbi system, consider the following maintenance tips:

- **Firmware Updates:** Regularly check for and install firmware updates through the Orbi app. Updates often include performance improvements, security patches, and new features.
- **Rebooting:** Periodically reboot your Orbi router and satellites (e.g., once a month) by unplugging them from the power outlet for 10-15 seconds and then plugging them back in. This can help clear temporary issues and refresh network performance.
- **Proper Placement:** Ensure your Orbi devices are placed in open areas, away from large metal objects, thick walls, and other electronic devices that might cause interference.
- **Cleaning:** Keep the devices clean and free from dust buildup, which can affect ventilation and performance. Use a soft, dry cloth for cleaning.

6. Troubleshooting

If you encounter issues with your Orbi system, try the following troubleshooting steps:

- **No Internet Connection:**
  - Check the status lights on your Orbi router and satellite. Refer to the quick start guide for light indicator meanings.
  - Ensure all cables are securely connected to the router, modem, and power outlets.
  - Reboot your modem first, wait for it to fully come online, then reboot your Orbi router and satellite.
- **Slow WiFi Speed:**
  - Ensure your devices are connected to the Orbi network and not another nearby network.
  - Check for interference from other electronic devices (e.g., microwaves, cordless phones).
  - Try repositioning your satellite to optimize coverage in areas with weak signals.
  - Verify your internet service provider's speed.
- **Satellite Not Connecting:**
  - Move the satellite closer to the router temporarily to establish a connection. Once connected, you can try moving it back to its desired location.
  - Ensure the satellite's power adapter is properly connected and the device is powered on.

For further assistance, refer to the NETGEAR support website or contact their customer service.

7. Specifications

Feature	Detail
Model Number	RBK752P-100NAS
Product Dimensions	7.5 x 6.7 x 7.5 inches
Item Weight	5.04 pounds
Wireless Communication Standard	802.11ax (WiFi 6)
Frequency Band Class	Tri-Band
Frequency	6 GHz
Connectivity Technology	Wi-Fi, Ethernet
Coverage	Up to 5,000 sq. ft.
Device Capacity	Up to 75 devices
Ethernet Ports (Router)	3 x 1 Gig
Ethernet Ports (Satellite)	2 x 1 Gig
Compatible Devices	Gaming Console, Security Camera, Personal Computer, Smart Television, Smartphone

Feature	Detail
Country of Origin	Thailand

8. Warranty and Support

Your NETGEAR Orbi system comes with built-in security measures and enhanced safety features. Additionally, it includes:

- **NETGEAR Armor:** A powerful suite of tools for online security, including protection against hackers, malware, and identity theft. A 30-day trial is included with your purchase.
- **Protection Plans:** Optional 3-Year and 4-Year Protection Plans are available for purchase to extend coverage beyond the standard warranty.

This product is made for use in the U.S. only. For detailed warranty information and technical support, please visit the official NETGEAR website or refer to the documentation provided with your product.

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