



## Overview

Orbi™ Mesh WiFi System with Orbi Voice delivers whole home WiFi with a superior smart speaker experience. Tri-band Mesh WiFi brings high-performance WiFi throughout your home without buffering and dead zones. With Amazon Alexa™ built-in you can voice control your music and your smart home.

Enjoy better WiFi and sound. Everywhere.

## Features



### Less Buffering and Dead Zones.

Tri-band Mesh WiFi delivers powerful, seamless WiFi for whole home coverage.



### Audio by Harman Kardon.™

Smart speaker with impactful sound for a truly captivating listening experience.



### Amazon Alexa™ Built-in.

Voice control your music and your smart home. Additional Amazon Echo device not required.



### Simple & Secure.

Use the Orbi app or a web browser to create secure whole home WiFi in minutes. With no accounts to setup.



### Manage Your Kids' Screen Time.

Circle® Smart Parental Controls lets you easily manage content & time online on any device.

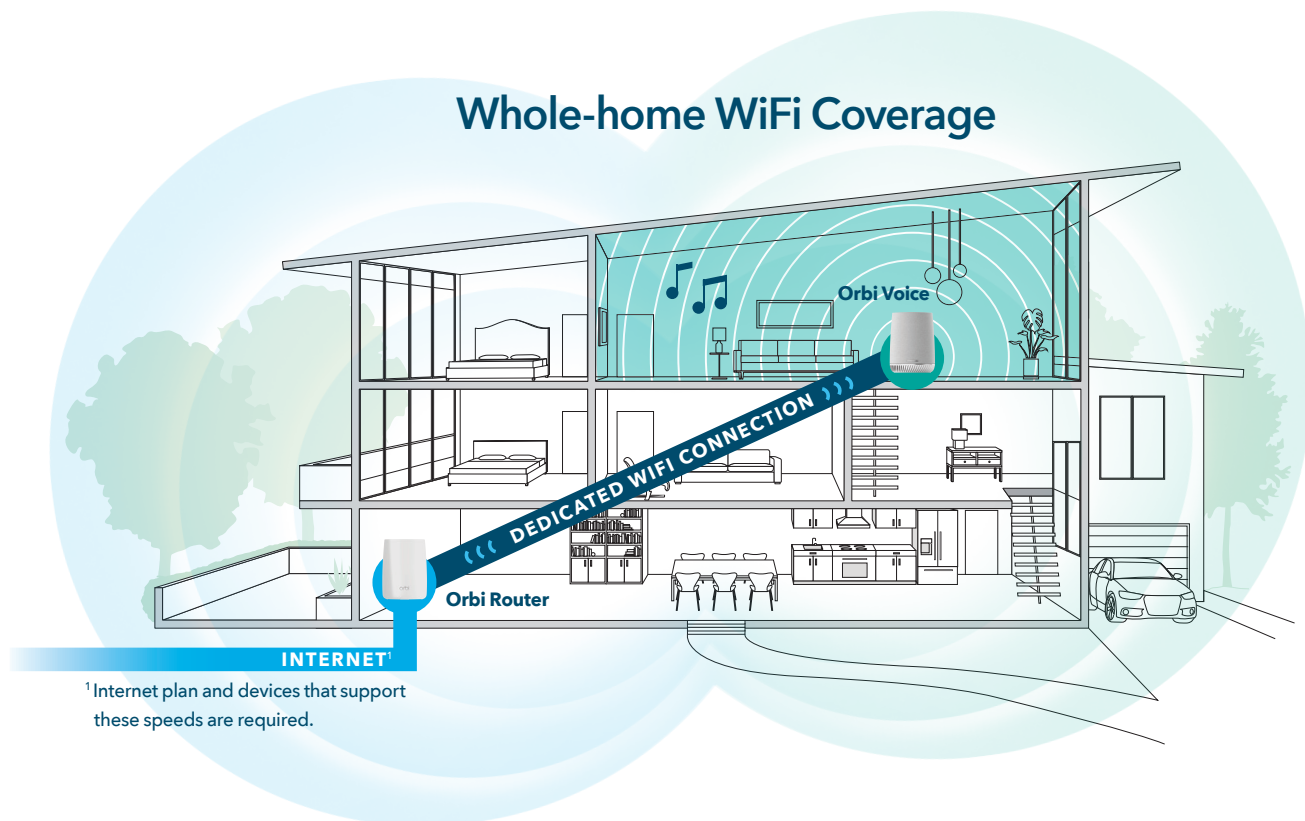


### One WiFi Name & Smart Roaming.

Enjoy the convenience of a single WiFi name with seamless connectivity for your whole home.



## House Diagram



### Get Started with the Orbi app

Use the Orbi app to setup your WiFi, Smart Parental Controls, fine tune your music, and more.



## Orbi Router (RBR50)



Sync button  
Plugs into existing modem  
Plugs into Ethernet-enabled devices  
USB 2.0 port  
Power button

## Orbi Voice (RBS40V)



Push button setup with your existing router  
Connect to 2 wired devices to your home network



## What's In the Box?

- One (1) Orbi Router (RBR50)
- One (1) Orbi Voice (RBS40V)
- One (1) 2m Ethernet cable
- Orbi Router: 12V/3.5A power adapter
- Orbi Voice: 19V/3.16A power adapter
- One (1) quick start guide

## Technical Specifications

- Orbi Router (AC3000):
  - AC3000 Tri-band WiFi
    - 2.4GHz (400Mbps<sup>†</sup>) + 5GHz (867Mbps<sup>†</sup>) for WiFi devices to connect to the Internet
    - 5GHz (1.7Gbps<sup>†</sup>) dedicated WiFi link for faster data connections between Orbi router and Orbi Voice
  - Six (6) high performance internal antennas with high-powered amplifiers
  - Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands
  - MU-MIMO capable for simultaneous data streaming to multiple devices
  - Powerful Quad-Core 710MHz processor
  - Ports
    - Four (4) 10/100/1000Mbps Gigabit Ethernet ports
  - Memory
    - 512MB NAND flash and 512MB RAM
  - Security
    - Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
    - Guest WiFi Network is easy to setup separate & secure Internet access for guests
    - Circle® — Smart Parental Controls manage content and time online for all your devices. Learn more at [netgear.com/circle](http://netgear.com/circle)
- Orbi Voice (AC2200):

- AC2200 Tri-band WiFi
  - 2.4GHz (400Mbps<sup>†</sup>) + 5GHz (867Mbps<sup>†</sup>) for WiFi devices to connect to the Internet
  - 5GHz (867Mbps<sup>†</sup>) dedicated WiFi link for faster data connections between Orbi router and Orbi Voice
- Speakers
  - One (1) 3.5" front-facing woofer
  - One (1) 1" front-facing tweeter
  - 35W of total peak power for rich room-filling sound
  - Frequency Response: 63Hz — 20kHz
- Four (4) microphones with far-field voice recognition support
- Four (4) high-performance antennas with high-powered amplifiers
- Implicit & Explicit Beamforming for 2.4 and 5GHz bands
- MU-MIMO capable for simultaneous data streaming to multiple devices
- Two (2) 10/100/1000Mbps Gigabit Ethernet ports

## What Do I Need for Orbi to Work?

- High-speed Internet connection
- Modem or gateway
- Amazon account

## Physical Specifications

- Orbi Router
  - Dimensions: 6.7 x 3.1 x 8.89in
  - Weight: 1.72lb
- Orbi Voice
  - Dimensions: 8.6 x 6.48 x 4.9in
  - Weight: 4.0lb

This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller. [www.netgear.com/warranty](http://www.netgear.com/warranty)

\* 90-day complimentary technical support following purchase from a NETGEAR authorized reseller.

† Maximum wireless signal rate derived from IEEE standard 802.11 specifications. Network conditions and environmental factors, including volume of network traffic, building construction, and network overhead may decrease actual data throughput rate.

The country settings must be set to the country where the device is operating. Intended for indoor use only in EU member states, EFTA states, and Switzerland.

For regulatory compliance information, visit <http://www.NETGEAR.com/about/regulatory>

<sup>1</sup> Internet plan and devices that support these speeds are required.

<sup>2</sup> Circle® includes the Free Basic Plan. Fees apply for a Premium Plan. Visit [netgear.com/circle](http://netgear.com/circle) for more information.

<sup>3</sup> Subscriptions may be required for streaming/music services. Service availability varies by region.

For indoor use only.

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