



### 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. This system now includes NETGEAR Armor™, advanced cyber security for all your devices.

Enjoy better WiFi and sound. Everywhere.

Play music from these services, and more.\*\*



### Features



NETGEAR Armor™  
Powered by Bitdefender®<sup>2</sup>



NETGEAR Smart  
Parental Controls™<sup>3</sup>



#### 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. No separate Alexa-enabled device required.



#### Better 4K Streaming.

The dedicated WiFi backhaul creates better 4K HD streaming & gaming, even as you connect more devices.



#### Manage Your Kids' Screen Time.

NETGEAR Smart Parental Controls™ let you easily manage your kids' time online across their connected devices.

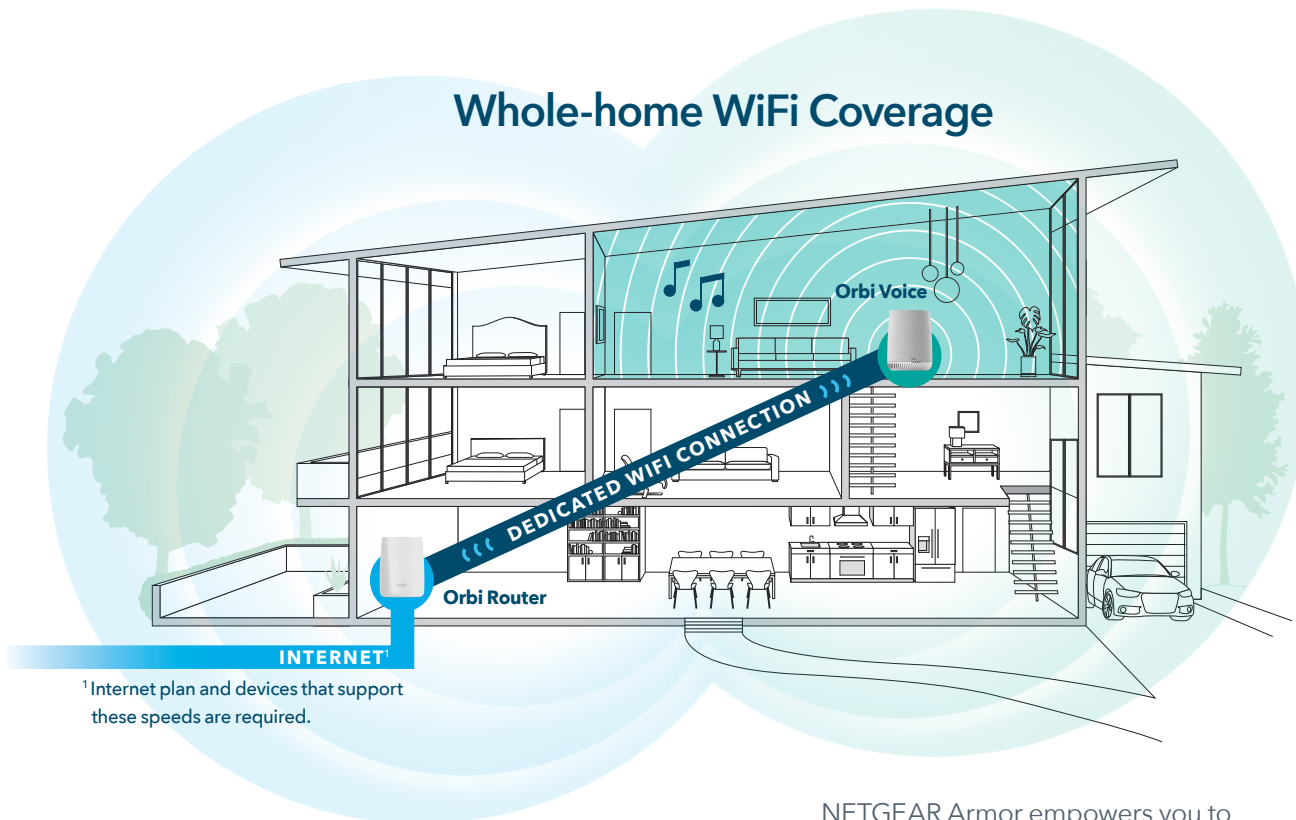


#### One WiFi Name & Smart Roaming.

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

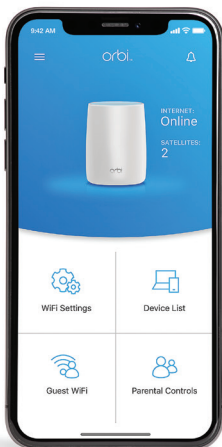
\*\*Music services may vary by region.

## House Diagram



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

NETGEAR Armor empowers you to eliminate vulnerabilities or simply know the status of your home network and devices, anytime, anywhere. Get instant notifications when malicious threats are detected, block unknown devices from joining your Orbi home network or take action on vulnerabilities as they are discovered easily through the Orbi App.



### Get Started with the Orbi app

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

**Advanced Cyber Security for All Your Devices**  
NETGEAR Armor™ | Powered by Bitdefender\*

- **Advanced Threat Detection** - Identifies & blocks viruses, spyware, ransomware, malicious links, and more.
- **Smart Home Vulnerability Scans** - Regularly scans connected devices to ensure they're not vulnerable to hackers.
- **Data Theft Protection** - If a mobile device is lost or stolen, you can locate, lock, & wipe data remotely.
- **Instant Alerts** - Receive immediate alerts when threats are detected & blocked.

Learn more at [NETGEAR.com/armor](https://www.netgear.com/armor)



Orbi Router (RBR50)

Orbi Voice (RBS40V)



Internet

Gigabit Ethernet ports

Also connect  
2 wired devices to WiFi



## What's In the Box?

- One (1) Orbi Router (RBR50v2)
- One (1) Orbi Voice (RBS40V)
- One (1) 2m Ethernet cable
- Orbi Router: 12V/2.5A power adapter
- Orbi Voice: 19V/3.16A power adapter
- One (1) quick start guide

## 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 8.89 in
  - Weight: 1.72lb
- Orbi Voice
  - Dimensions: 8.6 x 6.48 x 4.9 in
  - Weight: 4.0lb

## 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-power 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
  - Comprehensive anti-virus & data theft protection for your PC, Mac® and mobile devices with NETGEAR Armor™
  - 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
  - NETGEAR Smart Parental Controls™ — Manage your kids' time online across their connected devices. Learn more at [netgear.com/spc](http://netgear.com/spc)
- 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-power 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

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.

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> NETGEAR Armor™ is free during the trial period. A yearly subscription, after the trial period, protects all of your connected devices. Visit [www.netgear.com/armor](http://www.netgear.com/armor)

<sup>3</sup> NETGEAR Smart Parental Controls™ fees apply for a Premium Plan. Visit [netgear.com/spc](http://netgear.com/spc) for more information.

<sup>4</sup> Subscriptions may be required for streaming/music services. Service availability varies by region. For indoor use only.

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### Overview

Orbi™ is the simplest and smartest way to enjoy high-speed WiFi in every corner of your home. Each Add-on Orbi Satellite easily expands your Orbi WiFi System to cover up to an additional 2,500 square feet with strong WiFi signals. Innovative Tri-band WiFi helps maximize the Internet speeds available in your home.

Enjoy better WiFi. Everywhere.

### Features



#### Extend Your Existing WiFi Coverage.

Tri-band Mesh WiFi delivers powerful, seamless WiFi to any room. Less buffering and dead zones.



#### Your Home & Yard. Covered.

This WiFi Add-on Satellite delivers combined WiFi speeds up to 3Gbps for up to an additional 2,500 sq ft.



#### One WiFi Network.

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

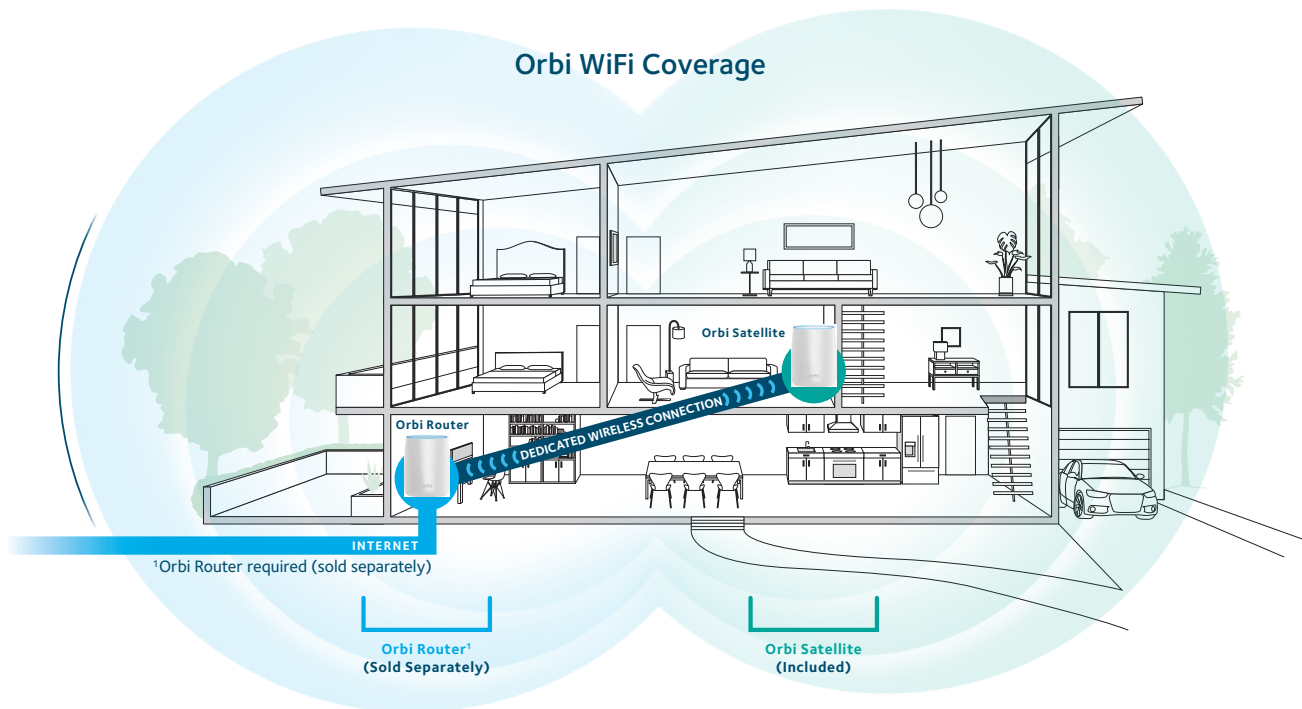


#### Simple & Secure.

Use the Orbi app to create secure whole home WiFi in minutes.

<sup>1</sup>Orbi Router required (sold separately)

## House Diagram



Simple setup from your smartphone or tablet.

Use the Orbi app to set up and manage your network. To find the app, scan one of the following QR codes or search for NETGEAR Orbi in the Apple App Store or Google Play Store.



<sup>1</sup>Orbi Router required (sold separately)



## Orbi Satellite (RBS50)



Sync button

Plugs into Ethernet-enabled devices

Power button

<sup>1</sup>Orbi Router required (sold separately)



## What's In the Box?

- One (1) Orbi Satellite (RBS50v2)
- One (1) 12V/2.5A power adapter
- Quick start guide

## What Do I Need for Orbi Satellite to Work?

- **Orbi Router (RBR50 RBR40, RBR20) – SOLD SEPARATELY**
- High-speed Internet connection
- Connect to existing modem or gateway

## Technical Specifications

- Orbi AC3000 Satellite (1733+866+400Mbps)<sup>†</sup>
- Simultaneous Tri-band WiFi
  - Radio 1: IEEE® 802.11b/g/n 2.4GHz–256QAM support
  - Radio 2: IEEE® 802.11a/n/ac 5GHz–256QAM support
  - Radio 3: IEEE® 802.11a/n/ac 5GHz–256QAM support

- Six (6) high-performance antennas with high-power amplifiers
- Implicit/Explicit Beamforming for 2.4 & 5 GHz bands (1733+866+400 Mbps)<sup>†</sup>
- MU-MIMO capable for simultaneous data streaming on multiple devices
- Four (4) 10/100/1000 Mbps LAN Gigabit Ethernet ports
- 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

## Physical Specifications

- Dimensions: 6.7 x 3.1 x 8.9 in (170.3 x 78.9 x 225.8 mm)
- Weight: 1.72lb (780g)

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. [www.netgear.com/support](http://www.netgear.com/support)

<sup>1</sup> Orbi Router required (sold separately)

For indoor use only.

<sup>†</sup> Maximum wireless signal range derived from IEEE standard 802.11 specifications. Actual data throughput and data over distance will vary. Network conditions and environmental factors, including volume of network traffic, building material and construction, and network overhead, result in lower actual data throughput rate and wireless coverage.

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

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