



## Overview



This Orbi WiFi System comes with an Orbi WiFi Router and two Satellites that deliver unparalleled WiFi coverage. It covers homes up to 7,500 square feet with strong WiFi signals. Innovative Tri-band WiFi helps maximize the Internet speeds available in your home. Includes 1-year of advanced cyber threat protection with NETGEAR Armor™.

Enjoy better WiFi. Everywhere.



## Features



### Your Home & Yard. Covered.

This kit of three delivers 3Gbps<sup>1</sup> maximum WiFi speeds for homes up to 7,500 sq ft<sup>‡</sup>.



### Better 4K Streaming.

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



### One WiFi Network.

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



### Simple & Secure.

Use the Orbi app and NETGEAR Armor™ to create your secure whole home WiFi in minutes.

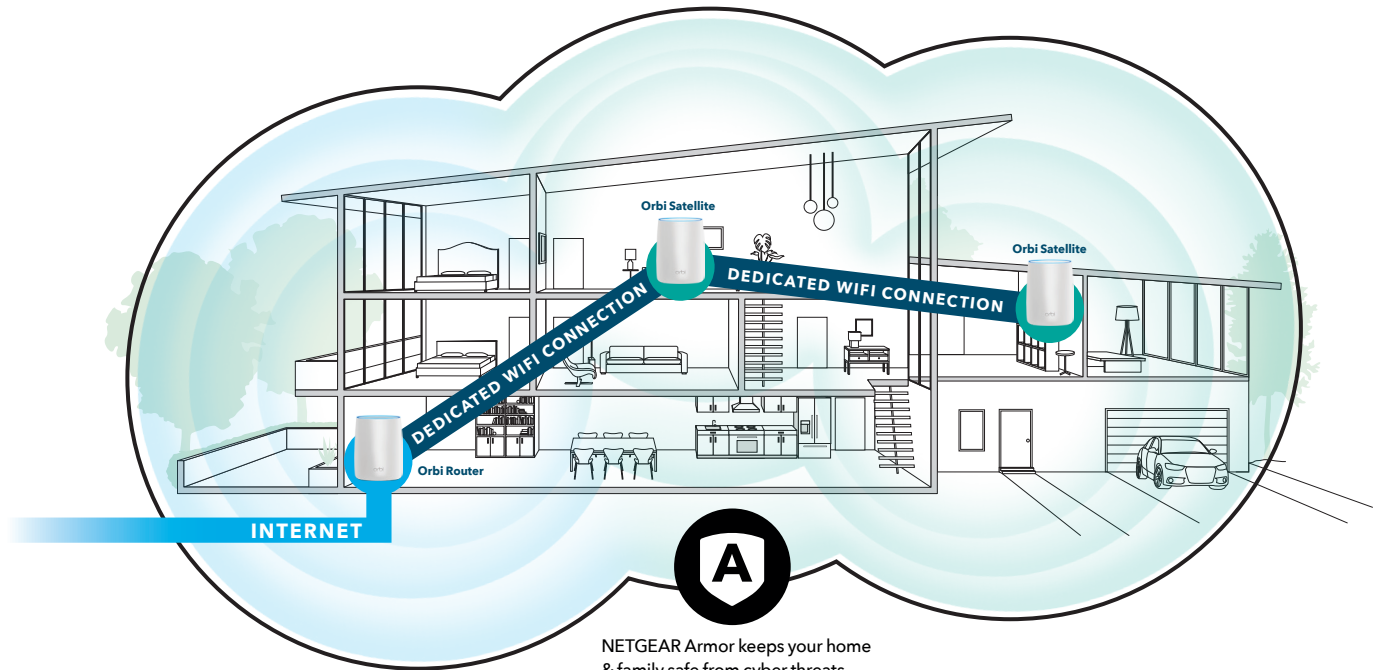


### Manage Your Kids' Screen Time.

NETGEAR Smart Parental Controls™ let you easily manage your kids' time online across their connected devices<sup>2</sup>.

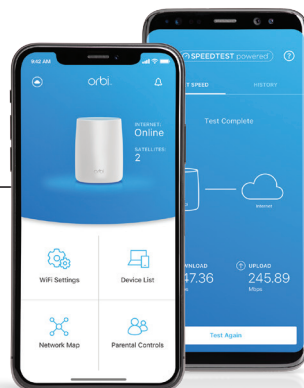
## House Diagram

7,500 Square Feet of Orbi WiFi Coverage



### Setup in 3 EASY steps

- 1 Download Orbi App
- 2 Plug in Orbi
- 3 Activate NETGEAR Armor



Use the Orbi app to set up and manage your Orbi WiFi.

## NETGEAR®

ARMOR™

POWERED BY  
Bitdefender®

NETGEAR Armor™ provides best-in-class anti-virus, anti-malware, & data protection for smart devices, smartphones, and computers.

1-year subscription included.

- ⊘ Advanced cyber threat protection at home & away
- 🔍 Vulnerability scans for all connected devices
- 📱 Unlimited personal & smart home devices covered
- 🔒 Data-theft protection for lost or stolen devices
- 🚨 Instant alerts when threats are detected & blocked

## Orbi Router (RBR50)

## Orbi Satellite (RBS50)



Sync  
Internet  
Gigabit Ethernet ports  
Power on/off



Sync  
Gigabit Ethernet ports  
Power on/off



## What's In the Box?

- One (1) Orbi Router (RBR50v2)
- Two (2) Orbi Satellites (RBS50v2)
- One (1) 6.5 ft Ethernet cable
- Three (3) 12V/2.5A power adapters
- Quick start guide

## What Do I Need for Orbi to Work?

- High-speed Internet connection
- Connect to existing modem or gateway

## Physical Specifications

- Dimensions: 6.7 x 3.1 x 8.89 in (170.3 x 78.9 x 225.8 mm) each
- Weight: 1.72lb (780.2g) each

## Technical Specifications

- Orbi AC3000 Router and AC3000 Satellites (1,733+866+400Mbps)<sup>†</sup>
- Simultaneous Tri-band WiFi
  - Radio 1: IEEE® 802.11b/g/n 2.4GHz - 256-QAM support
  - Radio 2: IEEE® 802.11a/n/ac 5GHz - 256-QAM support
  - Radio 3: IEEE® 802.11a/n/ac 5GHz - 256-QAM support
- Tx/Rx: 2x2 (2.4GHz) + 2x2 (5GHz) + 4x4 (5GHz) dedicated backhaul

- IEEE® 802.11a/b/g/n/ac
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands<sup>‡</sup>
- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands
- Processor – Router & Satellites
  - Powerful quad-core 710MHz processor
- Memory – Router
  - 512MB NAND flash and 512MB RAM
- Antenna – Router & Satellites (each)
  - Six (6) high-performance internal antennas with high-power amplifiers
- Ports – Orbi Router
  - Four (4) 10/100/1000Mbps Gigabit Ethernet ports
  - One (1) WAN & three (3) LAN
- Ports – Orbi Satellites (each)
  - Four (4) 10/100/1000Mbps Gigabit Ethernet LAN ports
- Security
  - Advanced cyber threat protection for your network & all your Windows, MacOS®, iOS, and Android® 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
- Voice Control
  - Amazon Alexa™
  - The Google® Assistant
- NETGEAR Smart Parental Controls™ — Manage your kids' time online across their connected devices. Learn more at [netgear.com/spc](http://netgear.com/spc)

NETGEAR 1-year limited warranty. [www.netgear.com/warranty](http://www.netgear.com/warranty)

\*1 Year technical support for Costco customers. Complimentary technical support following purchase from Costco. [www.netgear.com/support](http://www.netgear.com/support)

<sup>†</sup>Based on independent testing from PC Mag, CNET, Verge, and SmallNetBuilder. For testing results see [www.netgear.com/betterwifi](http://www.netgear.com/betterwifi)

<sup>‡</sup>Maximum wireless signal rate derived from IEEE 802.11 specifications. Actual data throughput and wireless coverage will vary and be lowered by network and environmental conditions, including network traffic volume, device limitations, and building construction. NETGEAR makes no representations or warranties about this product's compatibility with future standards. Up to 3,000Mbps wireless speeds achieved when connecting to other 802.11ac 3,000Mbps devices.

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

<sup>2</sup>NETGEAR Smart Parental Controls™ fees apply for a Premium Plan. Visit [netgear.com/spc](http://netgear.com/spc) for more information.

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

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