# orbi™

Whole Home AC3000 Tri-band WiFi System

## 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.

Enjoy better WiFi. Everywhere.

## Features

**Single Network Name.**
One WiFi name and seamless roaming for your whole home to enjoy.

**Max Internet Speeds.**
Innovative Tri-band WiFi helps deliver fast Internet speeds even as more devices connect.

**Your Home & Yard. Covered.**
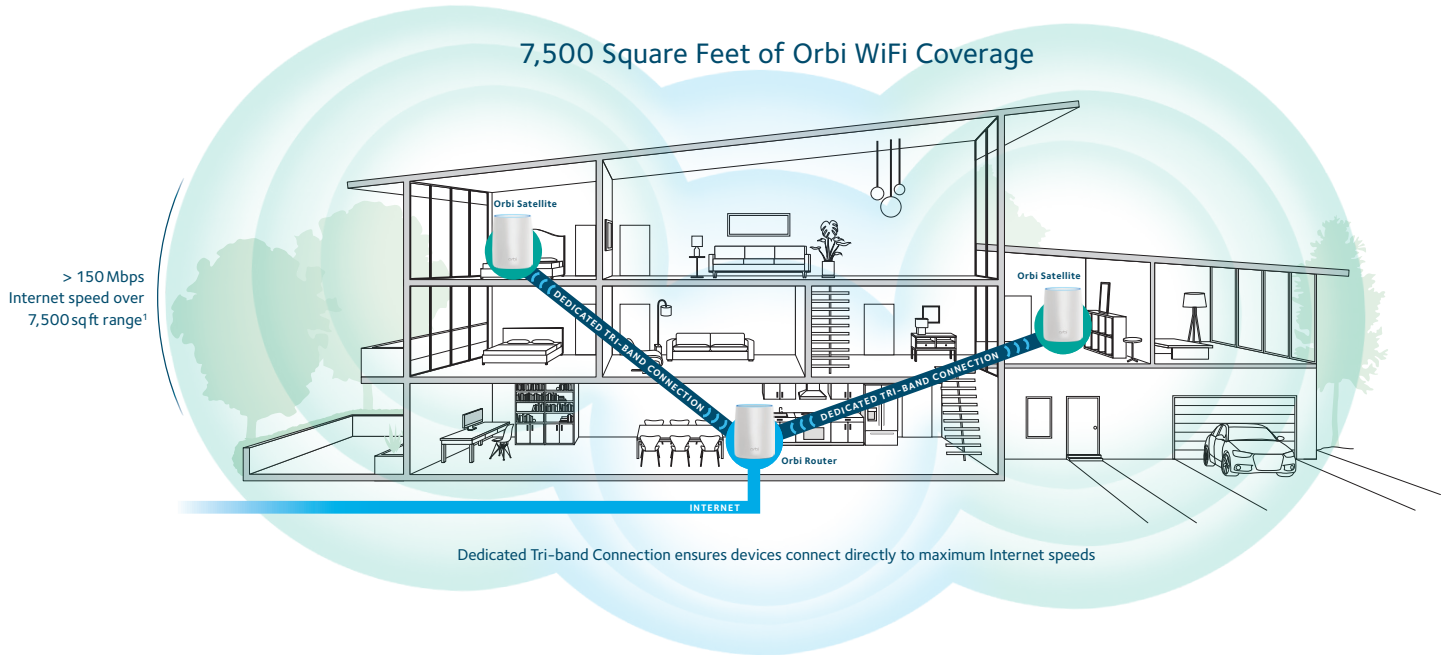This kit of three covers up to a 7,500 sq ft‡ home with high-performance AC3000 WiFi.

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

## House Diagram



7,500 Square Feet of Orbi WiFi Coverage

> 150 Mbps Internet speed over 7,500 sq ft range[1]

Orbi Satellite

Orbi Satellite

DEDICATED TRI-BAND CONNECTION

DEDICATED TRI-BAND CONNECTION

Orbi Router

INTERNET

Dedicated Tri-band Connection ensures devices connect directly to maximum Internet speeds

[1] Internet plan and devices that support these speeds are required.



### 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.

Download on the App Store

GET IT ON Google Play

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## Whole Home AC3000 Tri-band WiFi System

## Orbi Router (RBR50)

## Orbi Satellite (RBS50)

Power button

Sync button

USB 2.0 port

Plugs into existing modem

Plugs into Ethernet-enabled devices

Power button

Sync button

USB 2.0 port

Plugs into Ethernet-enabled devices

## What's In the Box?

- One (1) Orbi Router (RBR50)
- Two (2) Orbi Satellites (RBS50)
- One (1) 6.5 ft Ethernet cable
- Three (3) 12 V/3.5 A power adapters
- Quick start guide

## Technical Specifications

- Orbi AC3000 Router and AC3000 Satellites (1,733+866+400Mbps)‡
- 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
- Memory: 4 GB flash and 512 MB RAM
- Six (6) high-performance antennas with high-power amplifiers

- Implicit/Explicit Beamforming for 2.4 & 5 GHz bands (1733+866+400 Mbps)‡
- MU-MIMO capable for simultaneous data streaming on multiple devices
- Four (4) 10/100/1000 Mbps Gigabit Ethernet ports
  - 1 WAN & 3 LAN for Router
  - 4 LAN for each Satellite
- One (1) USB 2.0 port each
- Security
  - WPA/WPA2-PSK support
  - Guest WiFi Network is easy to setup separate & secure Internet access for guests

## 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: 1.96 lb (890.5 g) each

This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller.

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

‡ 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

For indoor use only.