



## Overview

Break free from limitations with strong, reliable, and lightning fast WiFi in every room of your home. Orbi Tri-band Mesh WiFi Systems let you easily add on Orbi AX Satellites as your WiFi coverage needs increase. The innovative Tri-band WiFi helps maximize the Internet speeds available to more parts of your property.

The ultimate in smart home WiFi.

## Features



### Cutting Edge Performance.

Get the ultimate experience with 12 Streams of WiFi 6 and speeds up to 6Gbps.<sup>†</sup> Enjoy 4K/8K UHD streaming, lag-free gaming & smooth streaming.



### Gigabit Speeds Where You Need Them.

Don't let your home be a maze of dead zones. Easily add up to 2,500 sq ft more coverage to your existing Orbi Tri-band Mesh WiFi AX System.



### More Capacity, More Battery Life.

Don't be held back by limited capacity. Enjoy more devices simultaneously with 4X the capacity than before & improved efficiency for longer battery life.



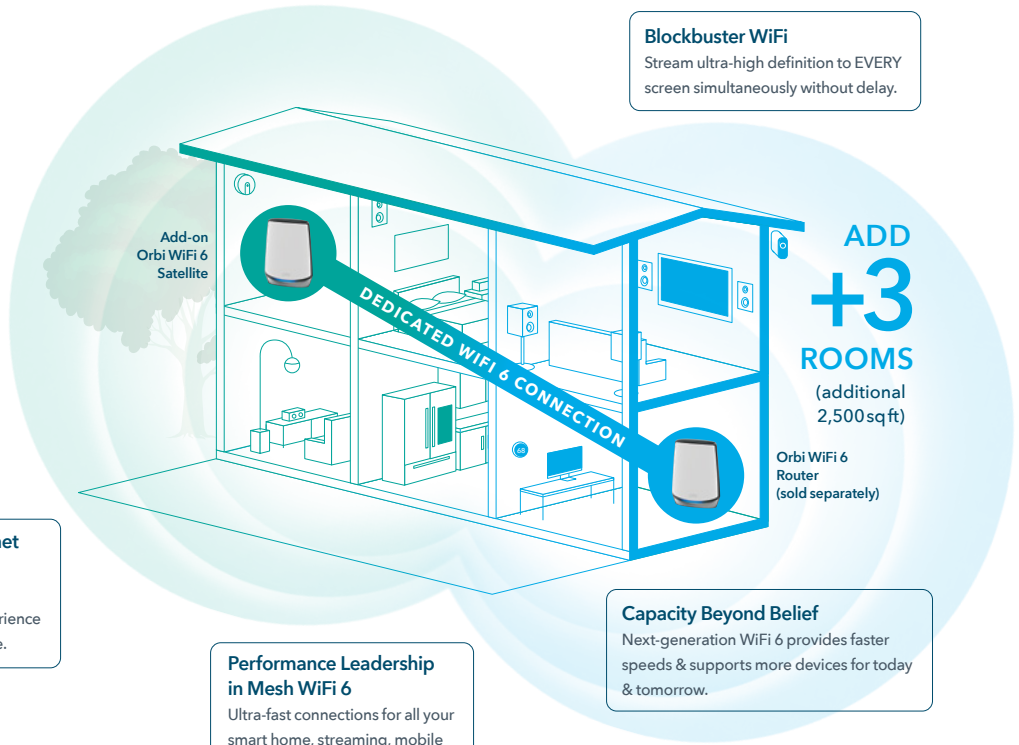
### It's Easy.

Enjoying your WiFi has never been easier. With the Orbi app, set up your WiFi, customize your settings & enjoy your new Orbi WiFi in minutes.



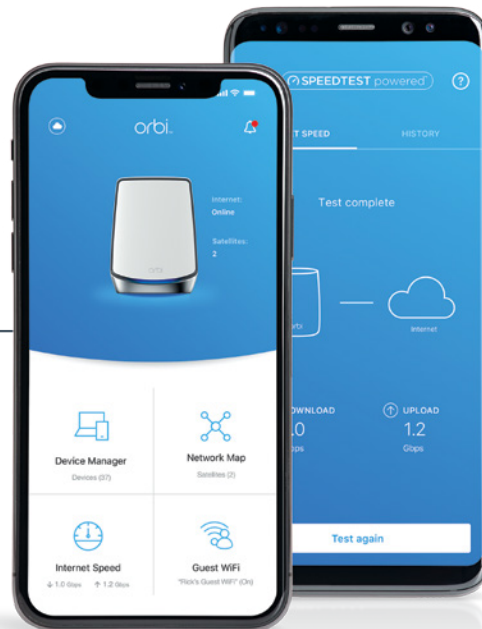
# House Diagram

**orbi**  
Ultimate  
Smart Home  
Experience



**Orbi App**

Use the Orbi app to setup and manage your Orbi WiFi.



Orbi Satellite (RBS850)



Sync1

Gigabit Ethernet ports



## What's In the Box?

- One (1) Orbi Satellite (RBS850)
- One (1) 12V/3.5A power adapter
- Quick start guide

## What Do I Need for Orbi to Work?

- Orbi Router (RBR850) – SOLD SEPARATELY
- High-speed Internet connection

## Physical Specifications

- Dimensions: 10 x 7.5 x 2.8 in each
- Weight: 2.86lb each

## Technical Specifications

- Orbi AX6000 Satellite (2400 + 2400 + 1200Mbps)<sup>†</sup>
- Simultaneous Tri-band WiFi
  - Radio 1: IEEE® 802.11b/g/n/ax 2.4GHz—1024-QAM support
  - Radio 2: IEEE® 802.11a/n/ac/ax 5GHz—1024-QAM support
  - Radio 3: IEEE® 802.11a/n/ac/ax 5GHz—1024-QAM support
- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands
- Processor
  - Powerful quad-core 2.2GHz processor
- Antenna
  - Eight (8) high-performance internal antennas with high-power amplifiers
- Ports
  - Four (4) 10/100/1000Mbps Gigabit Ethernet LAN ports
- Voice Control
  - Amazon Alexa™
  - The Google® Assistant
- Each Orbi Router<sup>1</sup> supports up to 3 Orbi Satellites

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.

<sup>†</sup> 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.

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

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

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