



### Overview

This Orbi WiFi System comes with an Orbi Router with a built-in Cable Modem and two Satellites. Easily set up and create a whole home mesh WiFi system that delivers unparalleled WiFi coverage. It covers homes up to 6,000 square feet with strong WiFi signals. Innovative Tri-Band WiFi helps maximize the Internet speeds available in your home.

Enjoy better WiFi. Everywhere.



### Features



**The Savings Add Up.**  
Save up to \$168 per year by eliminating monthly cable modem rental fees†.



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



**Your Home & Yard. Covered.**  
This kit of three delivers super-fast 2.2 Gbps WiFi for homes up to 6,000 sqft.



**Replace Your Existing Cable Modem.**  
Better WiFi with two-in-one Cable Modem + WiFi Router that eliminates cable modem rental fees.



**CableLabs® DOCSIS® 3.0 Certified.**  
Up to 32X faster Internet than DOCSIS® 2.0 for smooth, uninterrupted connections.

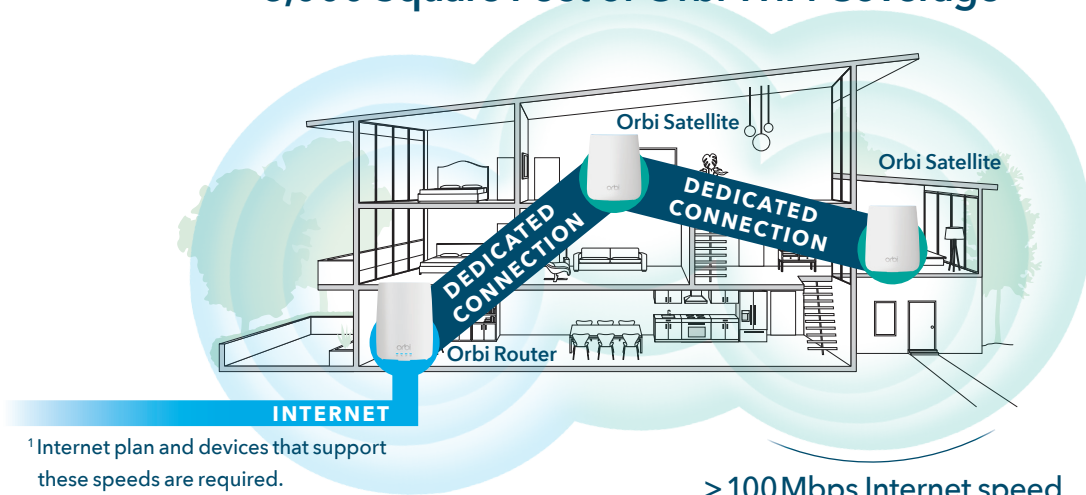


**Manage Your Kids' Screen Time.**  
Circle® Smart Parental Controls let you easily manage content & time online on any device².



# House Diagram

## 6,000 Square Feet of Orbi WiFi Coverage



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

> 100Mbps Internet speed up to 6,000 sq ft range<sup>1</sup>

CableLabs® DOCSIS® 3.0 Certified to work with US Cable Internet Providers like XFINITY® from Comcast, Spectrum®, Cox® & more. This product is not compatible with Cable bundled voice services.



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.

**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://NETGEAR.com/armor)



**Get Started with the Orbi app**  
Use the Orbi app to setup and manage your Orbi WiFi. Available on Google Play and Apple App Store.

## Orbi Cable Modem Router (CBR40)

## Orbi Satellite (RBS20)



Sync  
Gigabit Ethernet ports  
Cable Coaxial port  
Power on/off



Sync  
Gigabit Ethernet ports  
Power on/off



## What's In the Box?

- One (1) Orbi Cable Modem Router (CBR40)
- Two (2) Orbi Satellites (RBS20)
- One (1) 2m Ethernet cable
- One (1) 12V/3.5A power adapter
- Two (2) 12V/1.5A power adapters
- Quick start guide

## What Do I Need for Orbi to Work?

- High-speed Cable Internet connection
- **This product is not compatible with Cable bundled voice services**

## Physical Specifications

- Orbi Cable Modem Router (CBR40)
  - Dimensions: 6.7 x 3.1 x 8.9 in
  - Weight: 2.15 lb
- Orbi Satellite (RBS20) each
  - Dimensions: 5.6 x 2.4 x 6.6 in
  - Weight: 1.05 lb

## Technical Specifications

- Orbi AC2200 Cable Modem Router & Satellite (866 + 866 + 400Mbps)<sup>†</sup>
- AC2200 Simultaneous Tri-band WiFi
  - Radio 1: 400Mbps @ 2.4GHz: Supports 256 QAM
  - Radio 2: 866Mbps @ 5GHz: Supports 256 QAM
  - Radio 3: 866Mbps @ 5GHz: Supports 256 QAM

- Tx/Rx: 2x2 (2.4GHz) + 2x2 (5GHz) + 2x2 (5GHz) dedicated backhaul
- IEEE® 802.11 a/b/g/n/ac
- Built-in high-speed 32x8 CableLabs® certified DOCSIS® 3.0 Modem
- Channel Bonding enables up to 1.4Gbps<sup>†</sup> download speed
- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands
- Ports – Orbi Cable Modem Router
  - Four (4) 10/100/1000Mbps Gigabit Ethernet LAN ports
  - One (1) Cable/Coaxial port
- Ports – Orbi Satellite (each)
  - Two (2) 10/100/1000Mbps Gigabit Ethernet LAN ports
- Power On/Off switch
- 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
- Voice Control
  - Amazon Alexa™
  - The Google® Assistant
- Circle® Smart Parental Controls let you easily manage content & time online on any device<sup>2</sup>.

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.

<sup>†</sup> Maximum rate is derived from DOCSIS® 3.0 specifications and actual throughput will vary depending on the MSO provisioning and speed tier subscription. Check your cable Internet service provider web site for data speed tier compatibility. Customer-owned modems may not be compatible with certain cable networks. Please check with your cable provider to confirm this NETGEAR modem is allowed on your cable network. This product not compatible with Cable bundled voice services.

<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) For indoor use only.

<sup>3</sup> Circle® Smart Parental Controls include the Free Basic Plan. Fees apply for a Premium Plan. Visit [netgear.com/circle](http://netgear.com/circle) for more information. For indoor use only.

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

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