



## Whole Home AC2200 Tri-band WiFi System

Data Sheet

RBK23W



### Overview

Orbi™ is the simplest and smartest way to enjoy high-speed WiFi in every corner of your home. This Orbi WiFi System kit of three covers homes up to 5,000 square feet with strong WiFi signals. Innovative Tri-band WiFi helps maximize the Internet speeds available in your home, even as more devices connect. This system now includes NETGEAR Armor™, advanced cyber security for all your devices.

Enjoy better WiFi. Everywhere.



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



Smart Parental  
Controls<sup>3</sup>

### Features



#### Your Home & Yard. Covered.

This kit of three delivers 2.2Gbps maximum WiFi speeds for homes up to 5,000 sq ft<sup>1</sup>.



#### One WiFi Network.

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



#### Manage Your Kids' Screen Time.

Circle® Smart Parental Controls let you easily manage content & time online on any device.



#### Simple & Secure.

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

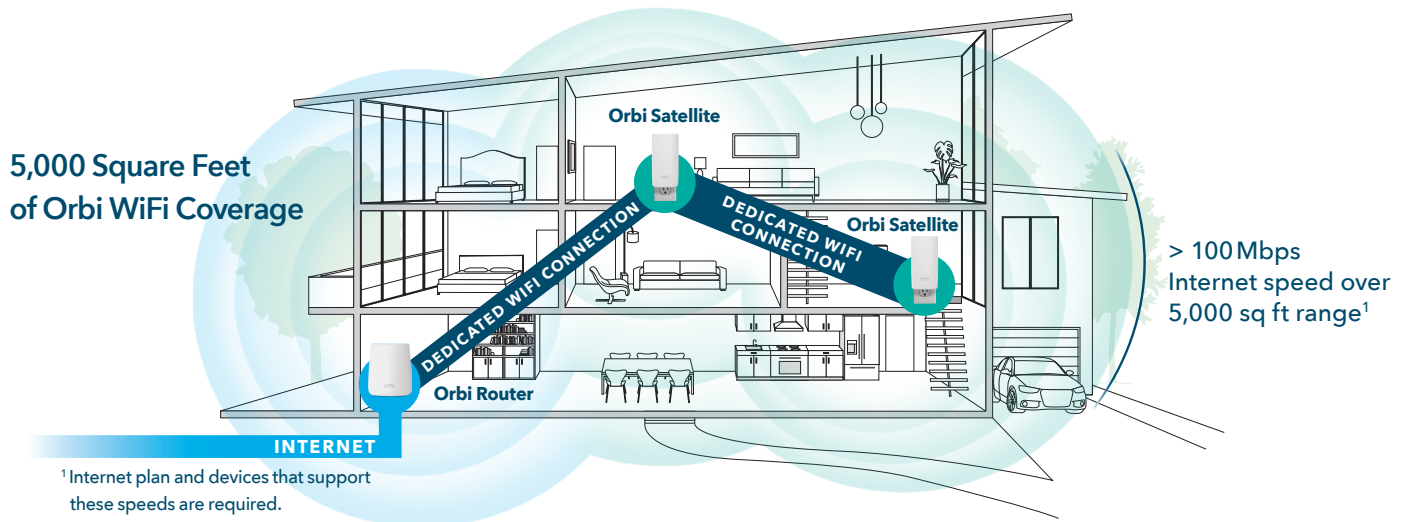


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### House Diagram



### 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.



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://www.netgear.com/armor)



## Orbi Router (RBR20)

## Orbi Wall Plug Satellite (RBW30)



Sync

Internet

Gigabit Ethernet port

Power on/off



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### What's In the Box?

- One (1) Orbi Router (RBR20)
- Two (2) Orbi Wall Plug Satellites (RBW30)
- One (1) 2 m Ethernet cable
- One (1) 12V/1.5A power adapter
- Quick start guide

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

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

### Physical Specifications

- Orbi Router (RBR20)
  - Dimensions: 5.6 x 2.4 x 6.6 in
  - Weight: 1.05 lb
- Orbi Wall Plug Satellite (RBW30)
  - Dimensions: 3.3 x 3.0 x 6.34 in each
  - Weight: 0.67 lb

### Technical Specifications

- Orbi AC2200 Router & Wall Plug Satellites (866 + 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–256QAM support
- Radio 3: IEEE® 802.11a/n/ac 5GHz–256QAM support
- Dedicated backhaul technology
- Four (4) high-performance antennas with high-power amplifiers each
- Implicit/Explicit Beamforming for 2.4 & 5GHz bands (866+866+400Mbps)<sup>†</sup>
- MU-MIMO capable for simultaneous data streaming on multiple devices
- Two (2) 10/100/1000Mbps Gigabit Ethernet ports (Router)
  - 1 WAN & 1 LAN
- 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 manage content and time online for all your devices. Learn more at [netgear.com/circle](http://netgear.com/circle)

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 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.

<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> Circle® Smart Parental Controls includes 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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