



NETGEAR®

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.

Enjoy better WiFi. Everywhere.



Features



FastLane3™ Technology.

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



Your Home & Yard. Covered.

This kit of an AC2200 Router & two Satellites covers up to a 5,000 sq ft[†] home with high-performance WiFi.



Manage Your Kids' Screen Time.

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



One WiFi Network.

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



Easy Setup.

Use the Orbi app or any web browser to set whole home WiFi in minutes. No accounts to set up.



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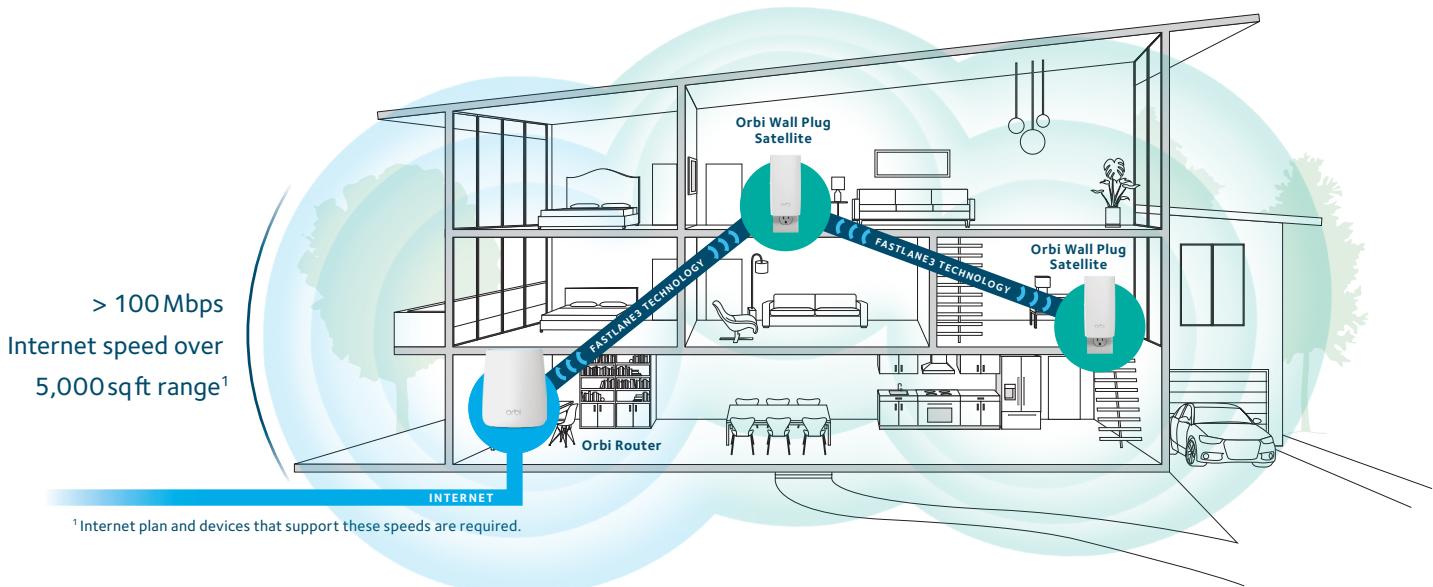
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House Diagram

5,000 Square Feet of Orbi WiFi Coverage



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.





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Orbi Router (RBR20)



Sync button
Plugs into existing modem

Internet port
Plugs into Ethernet-enabled device

Power button

Orbi Wall Plug Satellite (RBW30)





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/2.5A power adapter
- Quick start guide

Technical Specifications

- Orbi AC2200 Router & Wall Plug Satellites (866 + 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
- Dedicated Backhaul Technology
- Four (4) high-performance antennas with high-power amplifiers each
- Implicit/Explicit Beamforming for 2.4 & 5GHz bands (866+866+400Mbps)[†]
- MU-MIMO capable for simultaneous data streaming on multiple devices
- Two (2) 10/100/1000Mbps Gigabit Ethernet ports (Router)
 - 1 WAN & 1 LAN
- Security
 - WPA/WPA2-PSK support
 - Guest WiFi Network is easy to setup separate & secure Internet access for guests
- Voice Control
 - Amazon Alexa™
 - The Google® Assistant
- Circle® with Disney—Smart Parental Controls to manage content and time online for all your devices. Learn more at netgear.com/circle

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

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.

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

For indoor use only.

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

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