



Whole Home AC2200 Tri-band WiFi System

Data Sheet

RBK20W



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 two covers homes up to 3,500 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.



One WiFi Network.

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



Your Home & Yard. Covered.

This kit of two covers up to a 3,500sqft+ home with high-performance 2.2Gbps WiFi.



Easy Setup.

Use the Orbi app or any web browser to set whole home WiFi in minutes.



Manage Your Kids' Screen Time.

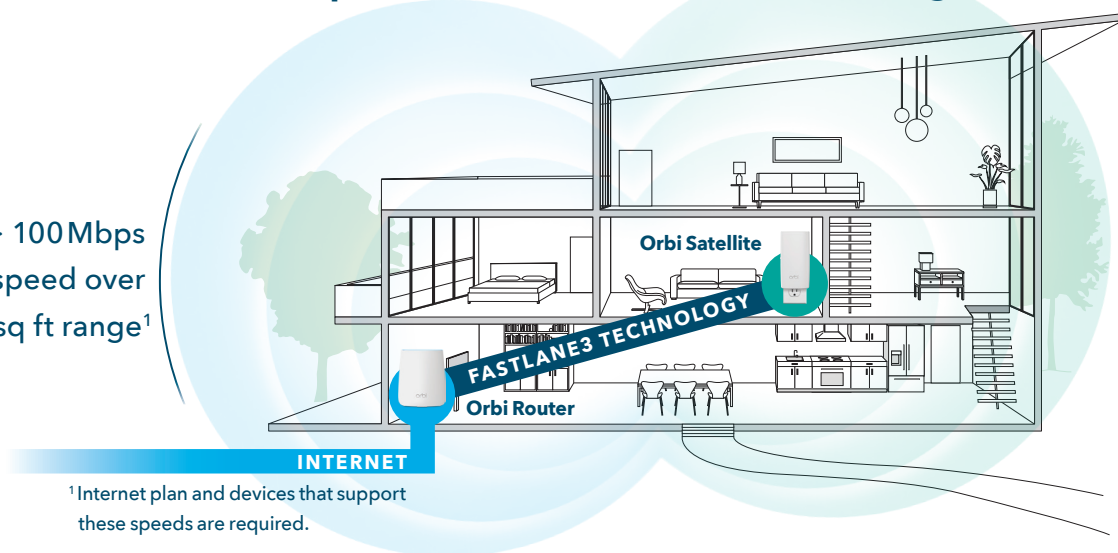
Circle® with Disney Smart Parental Controls lets you easily manage content & time online on any device.



House Diagram

3,500 Square Feet of Orbi WiFi Coverage

> 100Mbps
Internet speed over
3,500 sq ft range¹



Get started with the Orbi app

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.





Orbi Router (RBR20)

Orbi Wall Plug Satellite (RBW30)



Sync button
Plugs into existing modem
Ethernet
Plugs into Ethernet-enabled device
Power button



What's In the Box?

- One (1) Orbi Router (RBR20)
- One (1) Orbi Wall Plug Satellite (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
 - Weight: 0.67 lb

Technical Specifications

- Orbi AC2200 Router & Wall Plug Satellite (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
- Tx/Rx: 2x2 (2.4GHz) + 2x2 (5GHz) + 2x2 (5GHz) dedicated backhaul
- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands
- WiFi Security: WPA/PSK2
- Processor – Router
 - Powerful Quad-Core 710MHz processor
- Memory – Router
 - 256MB Flash and 512MB RAM
- Antenna
 - Four (4) high performance internal antennas each
- Ports – Orbi Router
 - Two (2) 10/100/1000Mbps Gigabit Ethernet ports
 - One (1) WAN & one (1) LAN
- Power On/Off switch
- Push Button WPS and SYNC support
- 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

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.

² Circle® with Disney includes the Free Basic Plan. Fees apply for a Premium Plan. Visit 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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