



Whole Home AC2200 Tri-band WiFi System

Data Sheet

RBK23



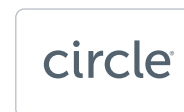
Overview

This Orbi WiFi System comes with an Orbi WiFi Router and Satellite that deliver 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. This system now includes NETGEAR Armor™, advanced cyber security for all your devices.

Enjoy better WiFi. Everywhere.



NETGEAR Armor™
Powered by Bitdefender®²



Smart Parental
Controls³

Features



Your Home and Yard. Covered.

This kit of three delivers 2.2Gbps maximum WiFi speeds for homes up to 6,000 sq ft[†].



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.



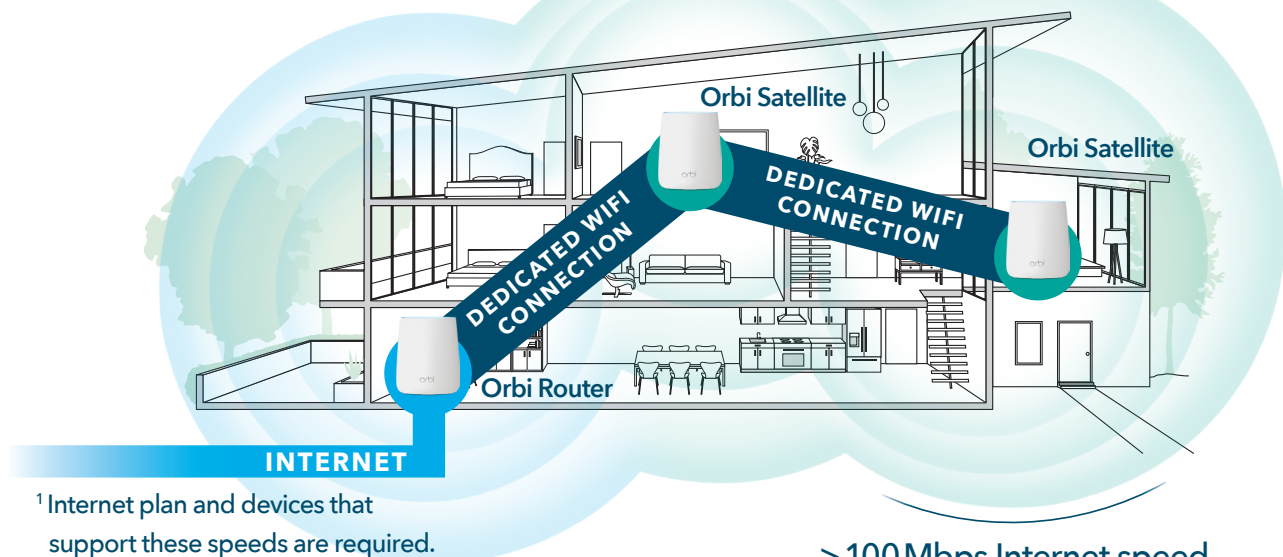
Simple & Secure.

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



House Diagram

6,000 Square Feet of Orbi WiFi Coverage



> 100 Mbps Internet speed
over 6,000 sq ft range¹



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.



**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



Orbi Router (RBR20)

Orbi Satellite (RBS20)



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



Sync button
Plugs into Ethernet-enabled devices
Power button



What's In the Box?

- One (1) Orbi Router (RBR20)
- Two (2) Orbi Satellites (RBS20)
- One (1) 6.5ft Ethernet cable
- Three (3) 12V/1.5A power adapters
- 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 Satellites (RBS20)
 - Dimensions: 5.6 x 2.4 x 6.6 in each
 - Weight: 1.05 lb each

Technical Specifications

- Orbi AC2200 Router and 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
- Tx/Rx: 2x2 (2.4GHz) + 2x2 (5GHz) + 2x2 (5GHz) dedicated backhaul

- IEEE® 802.11a/b/g/n/ac
- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands
- Processor – Router & Satellite
 - Powerful quad-core 710MHz processor each
- 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
- Ports – Orbi Satellite
 - Two (2) 10/100/1000Mbps Gigabit Ethernet LAN ports each
- Power On/Off switch
- Push Button WPS and SYNC support
- 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 separately
- 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

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.

² 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

³ Circle® Smart Parental Controls include the Free Basic Plan. Fees apply for a Premium Plan. Visit netgear.com/circle for more information.

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

NETGEAR, the NETGEAR Logo, and Orbi are trademarks and/or registered trademarks of NETGEAR, Inc. App Store is a service mark of Apple Inc., registered in the U.S. and other countries. Google Play and the Google Play logo are trademarks of Google, LLC. Any other trademarks mentioned herein are for reference purposes only. ©2020 NETGEAR, Inc.