



Whole Home AC2200 Tri-band WiFi System

Data Sheet

RBK22



Overview

This Orbi WiFi System comes with an Orbi WiFi Router and Satellite that deliver unparalleled WiFi coverage. It covers homes up to 4,000 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. Covered.

This kit of two delivers 2.2Gbps maximum WiFi speeds for homes up to 4,000 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.

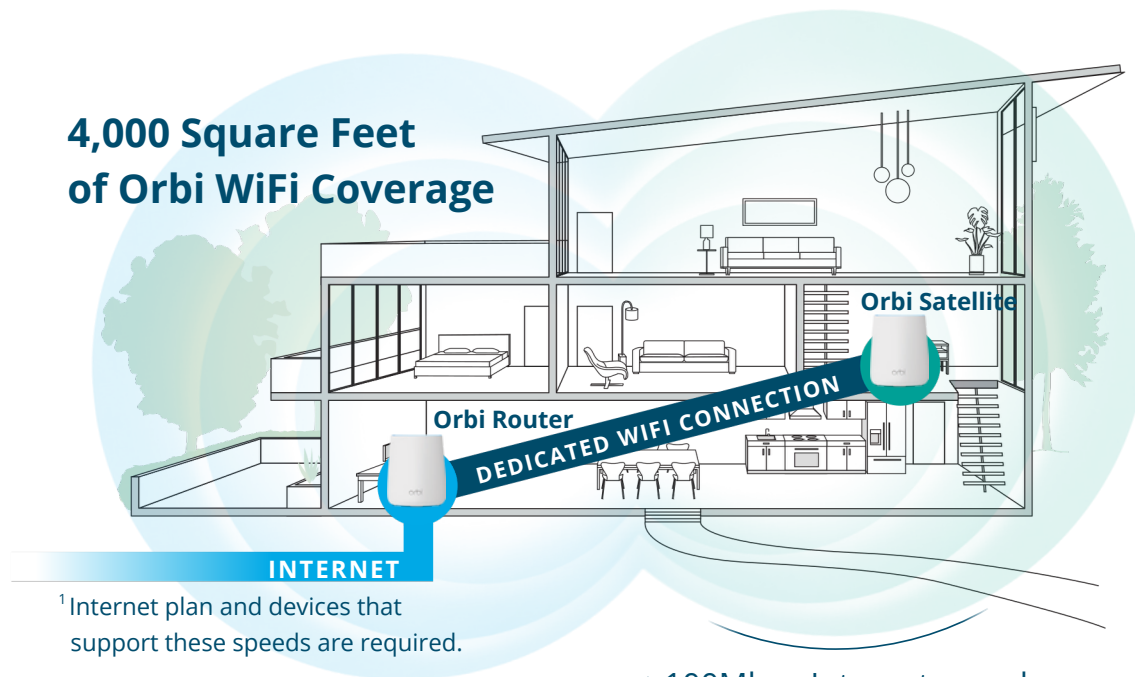


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House Diagram



>100Mbps Internet speed
over 4,000 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.



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



Orbi Router (RBR20)

Orbi Satellite (RBS20)



Sync
Internet
Gigabit Ethernet port
Power on/o



Sync
Gigabit Ethernet ports
Power on/o



What's In the Box?

- One (1) Orbi Router (RBR20)
- One (1) Orbi Satellite (RBS20)
- One (1) 2m Ethernet cable
- Two (2) 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 Satellite (RBS20)
 - Dimensions: 5.6 x 2.4 x 6.6 in
- Weight: 1.05 lb

Technical Specifications

- Orbi AC2200 Router & AC2200 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

- IEEE® 802.11a/b/g/n/ac
- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands
- 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
- Ports – Orbi Satellite
 - Two (2) 10/100/1000Mbps Gigabit Ethernet LAN ports
- 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 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

