



Overview

Enjoy super-fast Tri-band WiFi with your Orbi Router and easily create a whole home WiFi Mesh system with Add-on Orbi Satellites. The Orbi WiFi System Starter covers homes up to 2,000 square feet with strong WiFi signals. Each Orbi Satellite (sold separately) adds an additional 2,000 square feet of strong WiFi coverage. Includes NETGEAR Armor™, advanced cyber security for all your devices.¹

Enjoy better WiFi. Everywhere.



NETGEAR Armor™
Powered by Bitdefender®²



Smart Parental
Controls³

Features



Super-fast WiFi Up to 2.2Gbps.[†]

Enjoy seamless 4K HD video streaming & gaming everywhere in your home.



Performance with Style.

Sleek modern design with four high-gain internal antennas increases wireless range in hard to reach areas of your home.



Manage Your Kids' Screen Time.

Filter content by age & interests, manage screen time and stay informed on what your kids do online using Circle® Smart Parental Controls.²



Simple & Secure.

Use the Orbi app and NETGEAR Armor¹ to create your secure whole home WiFi in minutes.



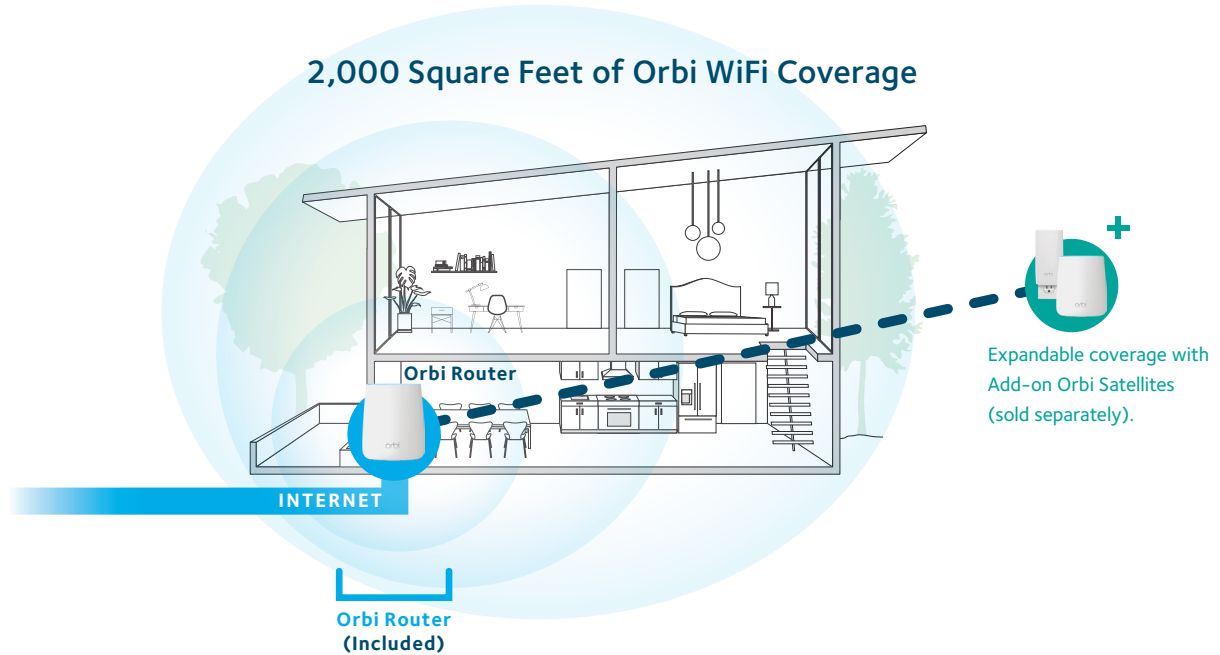
Tri-band WiFi Router

NETGEAR®

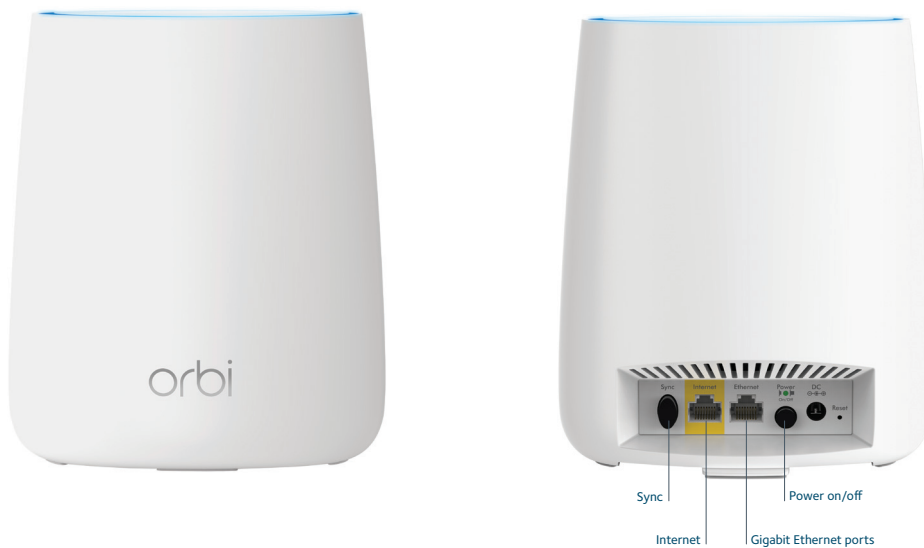
Data Sheet

RBR20

House Diagram



Orbi Router (RBR20)





What's In the Box?

- One (1) Orbi Tri-band WiFi Router (RBR20)
- One (1) 2m 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
- **DO NOT purchase a second Orbi Router if you need to expand your WiFi coverage**
 - To expand your Orbi WiFi system, purchase an Orbi Satellite, sold separately



Get Started with the Orbi app

Use the Orbi app to setup and manage your Orbi WiFi. Available on Google Play and Apple App 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, on your laptops, tablets & smartphones.
- **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



Technical Specifications

- Orbi AC2200 Tri-band WiFi Router
 - Radio 1: 400Mbps @ 2.4GHz: Supports 256-QAM
 - Radio 2: 866Mbps @ 5GHz: Supports 256-QAM
 - Radio 3: 866Mbps @ 5GHz: Supports 256-QAM
- IEEE 802.11a/b/g/n/ac
- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands
- Processor
 - Powerful quad-core 710MHz processor
- Memory
 - 256MB flash and 512MB RAM
- Antenna
 - Four (4) high-performance internal antennas
- Ports
 - Two (2) 10/100/1000Mbps Gigabit Ethernet ports
 - One (1) WAN & one (1) LAN

- 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 Armor¹™
 - 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
- Works with Voice Assistants
 - Amazon Alexa™
 - The Google Assistant®
- Circle® Smart Parental Controls manage content and time online for all your devices. Learn more at netgear.com/circle

Physical Specifications

- Dimensions: 5.6 x 2.4 x 6.6 in
- Weight: 1.05 lb (890.5 g)

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 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

² Circle® Smart Parental Controls include 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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