



Overview

This Orbi WiFi System comes with an Orbi WiFi Router and Satellite that deliver unparalleled WiFi coverage. It 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. 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 & Yard. Covered.

This kit of two delivers 3Gbps maximum WiFi speeds for homes up to 5,000 sq ft[†].



One WiFi Network.

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



Better 4K Streaming.

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



Simple & Secure.

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

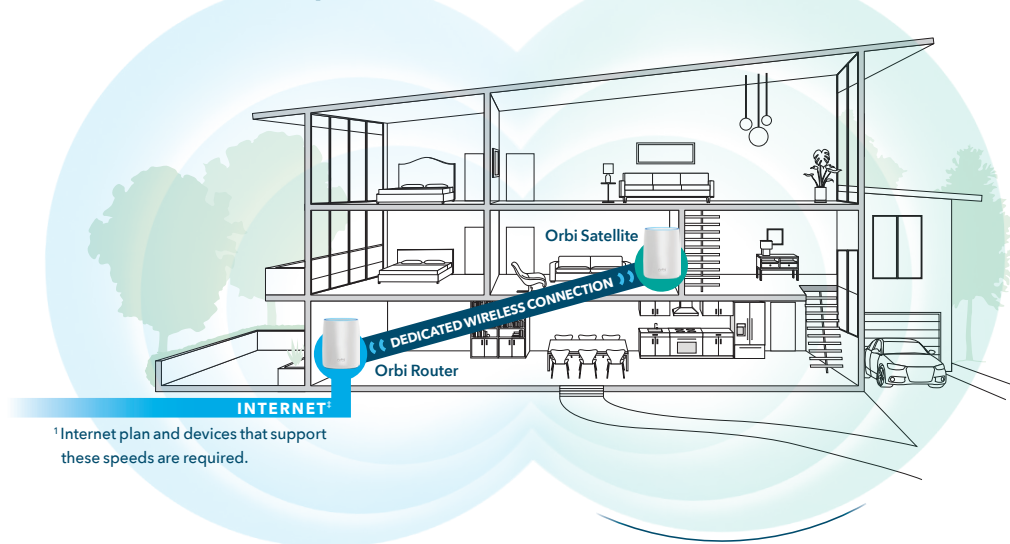


Manage Your Kids' Screen Time.

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

House Diagram

5,000 Square Feet of Orbi WiFi Coverage



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

> 150Mbps Internet speed over 5,000 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 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, 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](https://www.netgear.com/armor)

Orbi Router (RBR50)

Orbi Satellite (RBS50)



Sync
Internet
Gigabit Ethernet ports
Power on/off



Sync
Gigabit Ethernet ports
Power on/off



What's In the Box?

- One (1) Orbi Router (RBR50v2)
- One (1) Orbi Satellite (RBS50v2)
- One (1) 2 m Ethernet cable
- Two (2) 12V/2.5A 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

- Dimensions: 6.7 x 3.1 x 8.89 in (170.3 x 78.9 x 225.8 mm) each
- Weight: 1.72 lb (780.2 g) each

Technical Specifications

- Orbi AC3000 Router and AC3000 Satellite (1733+866+400Mbps)[†]
- Simultaneous Tri-band WiFi
 - Radio 1: IEEE® 802.11b/g/n 2.4GHz–256-QAM support
 - Radio 2: IEEE® 802.11a/n/ac 5GHz–256-QAM support
 - Radio 3: IEEE® 802.11a/n/ac 5GHz–256-QAM support
- Memory – Router
 - 512MB NAND flash and 512MB RAM

- Antenna – Router & Satellite (each)
 - Six (6) high-performance internal antennas with high-power amplifiers
- Implicit/Explicit Beamforming for 2.4 & 5 GHz bands (1733+866+400Mbps)[†]
- MU-MIMO capable for simultaneous data streaming on multiple devices
- Ports – Orbi Router
 - Four (4) 10/100/1000Mbps Gigabit Ethernet ports
 - One (1) WAN & three (3) LAN
- Ports – Orbi Satellite
 - Four (4) 10/100/1000Mbps Gigabit Ethernet LAN ports
- 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

This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller. www.netgear.com/warranty

* 90-day complimentary technical support following purchase from a NETGEAR authorized reseller. www.netgear.com/support

[†] As of February 2017. Based on independent testing from PC Mag, CNET, Verge, and SmallNetBuilder, as well as NETGEAR internal testing. For testing results see www.netgear.com/betterwifi.

[†] Maximum wireless signal rate derived from IEEE standard 802.11 specifications. Network conditions and environmental factors, including volume of network traffic, building construction, and network overhead may decrease actual data throughput rate.

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

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>

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