



Overview

This Orbi WiFi System comes with an Orbi WiFi Router and two Satellites 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



NETGEAR Smart
Parental Controls™³

Features



Your Home & Garden. Covered.

This kit of three delivers 3Gbps maximum WiFi speeds for homes up to 6,000 sq ft[†].



Manage Your Kids' Screen Time.

NETGEAR Smart Parental Controls™ let you easily manage your kids' time online across their connected devices.



One WiFi Network.

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



Simple & Secure.

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

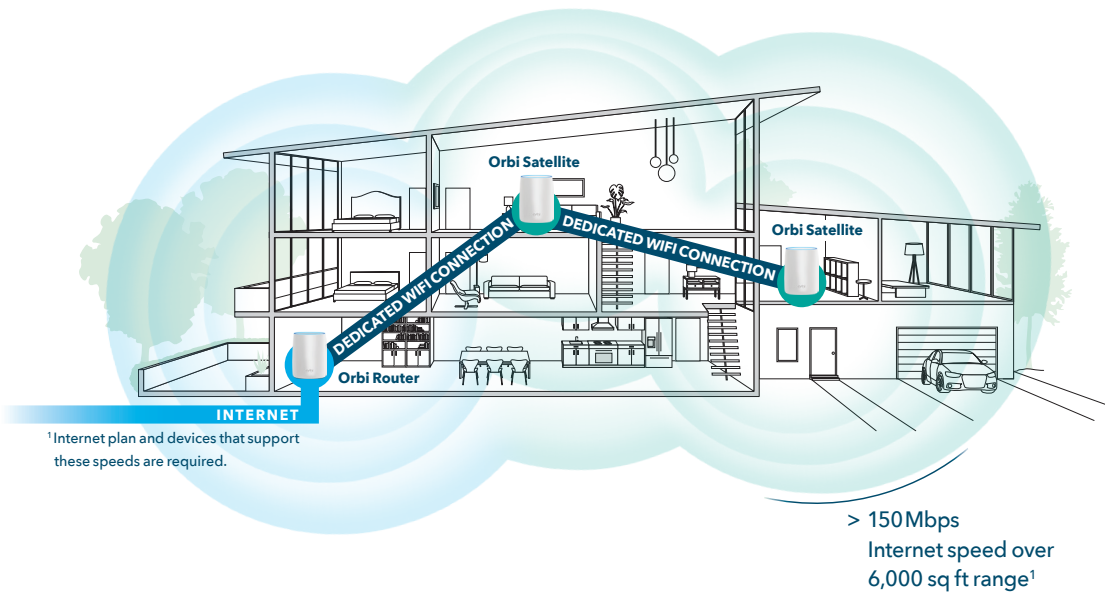


Better 4K Streaming.

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

House Diagram

6,000 Square Feet of Orbi WiFi Coverage



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.



Advanced Cyber Security for 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 your Android® or Windows™ 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 (RBR50)

Orbi Satellite (RBS50)



Sync button

Plugs into existing modem

Plugs into Ethernet-enabled devices

Power button



Sync button

Plugs into Ethernet-enabled devices

Power button



What's In the Box?

- One (1) Orbi Router (RBR50v2)
- Two (2) Orbi Satellites (RBS50v2)
- One (1) 6.5 ft Ethernet cable
- Three (3) 12 V/2.5 A power adapters
- Quick start guide

Technical Specifications

- Orbi AC3000 Router and AC3000 Satellites (1,733+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) + 4x4 (5GHz) dedicated backhaul
- IEEE® 802.11a/b/g/n/ac
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands[†]
- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands
- Processor - Router & Satellites
 - Powerful quad-core 710MHz processor
- Memory - Router
 - 512MB NAND flash and 512MB RAM
- Antenna - Router & Satellites (each)
 - Six (6) high-performance internal antennas with high-power amplifiers

- Ports - Orbi Router
 - Four (4) 10/100/1000Mbps Gigabit Ethernet ports
 - One (1) WAN & three (3) LAN
- Ports - Orbi Satellites (each)
 - 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
- NETGEAR Smart Parental Controls™ — Manage your kids' time online across their connected devices. Learn more at netgear.com/spc

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: 1.72lb (779.5g) each

NETGEAR 1-year limited warranty. www.netgear.com/warranty

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

†90-day complimentary technical support following purchase from a NETGEAR authorised reseller.

‡Maximum wireless signal rate derived from IEEE 802.11 specifications. Actual data throughput and wireless coverage will vary and be lowered by network and environmental conditions, including network traffic volume, device limitations, and building construction. NETGEAR makes no representations or warranties about this product's compatibility with future standards. Up to 3,000Mbps wireless speeds achieved when connecting to other 802.11ac 3,000Mbps devices.

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

²NETGEAR Armor is at no charge for initial 90 days. Fees apply for yearly subscription. Visit www.netgear.com/armor

³NETGEAR Smart Parental Controls™ fees apply for a Premium Plan. Visit netgear.com/spc for more information.

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

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