



Overview



This Orbi WiFi System comes with an Orbi WiFi Router and two Satellites that deliver unparalleled WiFi coverage. It covers homes up to 7,500 square feet with strong WiFi signals. Innovative Tri-band WiFi helps maximize the Internet speeds available in your home. Includes 1-year of advanced cyber threat protection with NETGEAR Armor™.

Enjoy better WiFi. Everywhere.



Features



Your Home & Yard. Covered.

This kit of three delivers 3Gbps maximum WiFi speeds for homes up to 7,500 sq ft†.



Better 4K Streaming.

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



One WiFi Network.

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

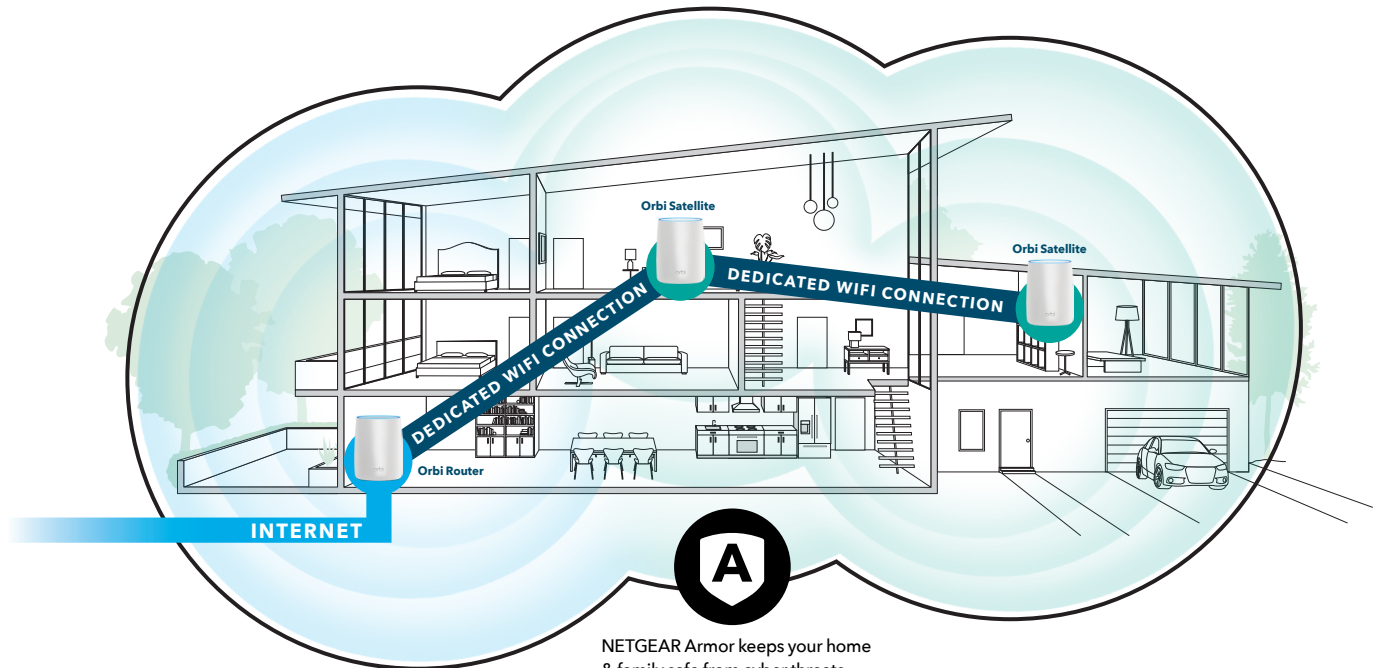


Simple & Secure.

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

House Diagram

7,500 Square Feet of Orbi WiFi Coverage



NETGEAR Armor keeps your home & family safe from cyber threats

NETGEAR® | POWERED BY
ARMOR™ | Bitdefender®

Setup in 3 EASY steps

- 1 Download Orbi App
- 2 Plug in Orbi
- 3 Activate NETGEAR Armor



Use the Orbi app to set up and manage your Orbi WiFi.

NETGEAR Armor™ provides best-in-class anti-virus, anti-malware, & data protection for all smart devices, smartphones, and computers.

1-year subscription included.

- ✓ Advanced cyber threat protection at home & away
- ✓ Vulnerability scans for all connected devices
- ✓ Unlimited personal & smart home devices covered
- ✓ Data-theft protection for lost or stolen devices
- ✓ Instant alerts when threats are detected & blocked

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)
- Two (2) Orbi Satellites (RBS50v2)
- One (1) 6.5 ft Ethernet cable
- Three (3) 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: 1.72lb (780.2g) each

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 - 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
- Tx/Rx: 2x2 (2.4GHz) + 2x2 (5GHz) + 2x2 (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
 - Advanced cyber threat protection for your network & all your Windows, MacOS®, iOS, and Android® 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 1-year limited warranty. www.netgear.com/warranty

*1 Year technical support for Costco customers. Complimentary technical support following purchase from Costco. www.netgear.com/support

[†]Based on independent testing from PC Mag, CNET, Verge, and SmallNetBuilder. 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.

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

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

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