orbi™

Mesh WiFi System & Smart Speaker

NETGEAR®

Play music from these services, and more.**

amazon music   **iHeart**RADIO

pandora®   Spotify®   TUNE IN

Overview

Orbi™ Mesh WiFi System with Orbi Voice delivers whole home WiFi with a superior smart speaker experience. Tri-band Mesh WiFi brings high-performance WiFi throughout your home without buffering and dead zones. With Amazon Alexa™ built-in you can voice control your music and your smart home. This system now includes NETGEAR Armor™, advanced cyber security for all your devices.

Enjoy better WiFi and sound. Everywhere.

A

NETGEAR Armor™
Powered by Bitdefender®[2]

circle®

Smart Parental
Controls[3]

Features

Less Buffering and Dead Zones.
Tri-band Mesh WiFi delivers powerful, seamless WiFi for whole home coverage.

Amazon Alexa™ Built-in.
Voice control your music and your smart home. No separate Alexa-enabled device required.

Circle® Smart Parental Controls.
The smart way for families to manage content and time online, on any device.

Audio by Harman Kardon.™
Smart speaker with impactful sound for a truly captivating listening experience.

Better 4K Streaming.
The dedicated WiFi backhaul creates better 4K HD streaming & gaming, even as you connect more devices.
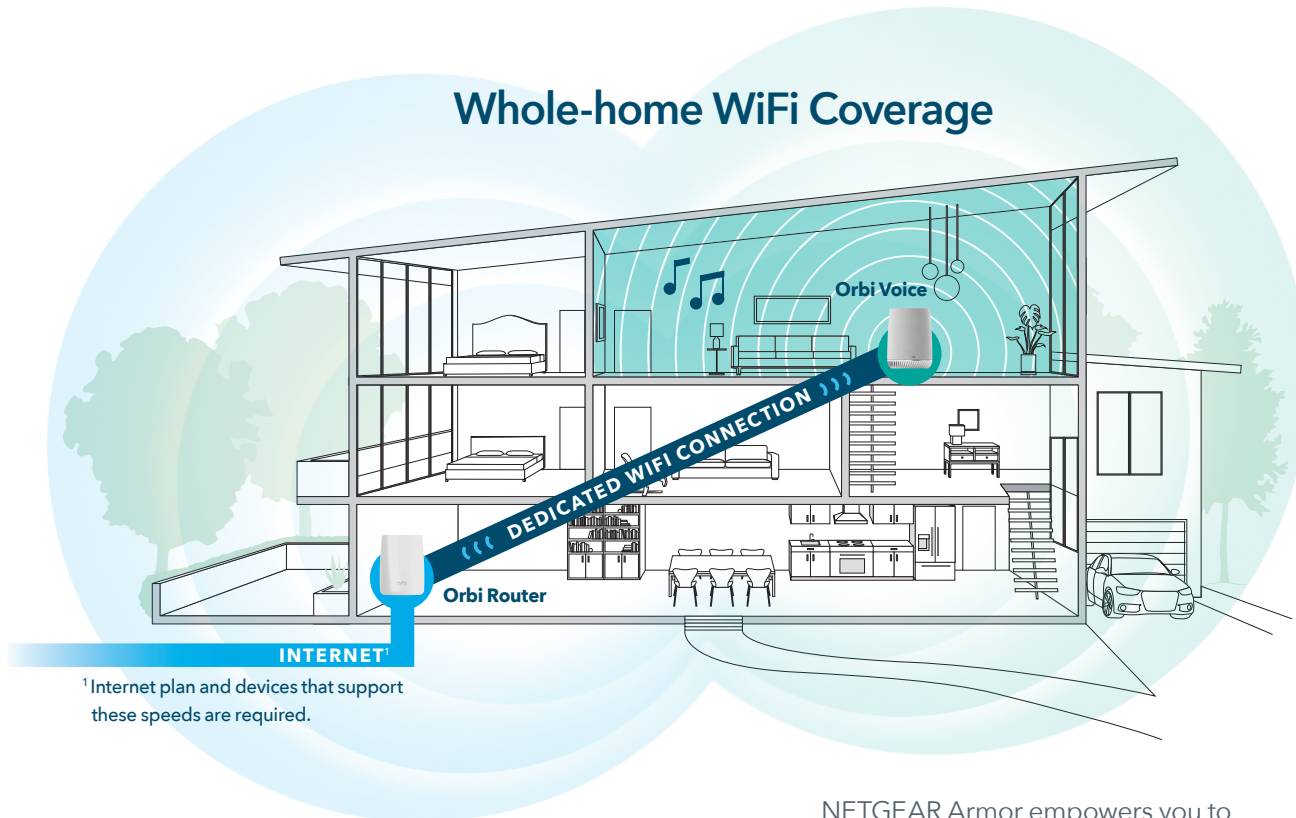
One WiFi Name & Smart Roaming.
Enjoy the convenience of a single WiFi name with seamless connectivity for your whole home.

**Music services may vary by region.

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House Diagram

Whole-home WiFi Coverage

Orbi Voice

DEDICATED WIFI CONNECTION

Orbi Router

INTERNET[1]

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

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.

Get Started with the Orbi app

Use the Orbi app to setup your WiFi, Smart Parental Controls, fine tune your music, and more.

A 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 (RBR50)

Orbi Voice (RBS40V)

Internet

Gigabit Ethernet ports

Also connect
2 wired devices to WiFi

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What's In the Box?

- One (1) Orbi Router (RBR50v2)
- One (1) Orbi Voice (RBS40V)
- One (1) 2m Ethernet cable
- Orbi Router: 12V/2.5A power adapter
- Orbi Voice: 19V/3.16A power adapter
- One (1) quick start guide

What Do I Need for Orbi to Work?

- High-speed Internet connection
- Modem or gateway
- Amazon account

Physical Specifications

- Orbi Router
  - Dimensions: 6.7 x 3.1 x 8.89 in
  - Weight: 1.72lb
- Orbi Voice
  - Dimensions: 8.6 x 6.48 x 4.9 in
  - Weight: 4.0lb

Technical Specifications

- Orbi Router (AC3000):
  - AC3000 Tri-band WiFi
    - 2.4GHz (400Mbps[‡]) + 5GHz (867Mbps[‡]) for WiFi devices to connect to the Internet
    - 5GHz (1.7Gbps[‡]) dedicated WiFi link for faster data connections between Orbi router and Orbi Voice
  - Six (6) high-performance internal antennas with high-power amplifiers
  - Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands
  - MU-MIMO capable for simultaneous data streaming to multiple devices

- Powerful quad-core 710MHz processor
- Ports
  - Four (4) 10/100/1000Mbps Gigabit Ethernet ports
- Memory
  - 512MB NAND flash and 512MB RAM
- 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
- Circle® Smart Parental Controls manage content and time online for all your devices. Learn more at netgear.com/circle
- Orbi Voice (AC2200):
  - AC2200 Tri-band WiFi
    - 2.4GHz (400Mbps[‡]) + 5GHz (867Mbps[‡]) for WiFi devices to connect to the Internet
    - 5GHz (867Mbps[‡]) dedicated WiFi link for faster data connections between Orbi Router and Orbi Voice
  - Speakers
    - One (1) 3.5" front-facing woofer
    - One (1) 1" front-facing tweeter
    - 35W of total peak power for rich, room-filling sound
    - Frequency response: 63Hz—20kHz
  - Four (4) microphones with far-field voice recognition support
  - Four (4) high-performance antennas with high-power amplifiers
  - Implicit & Explicit Beamforming for 2.4 and 5GHz bands
  - MU-MIMO capable for simultaneous data streaming to multiple devices
  - Two (2) 10/100/1000Mbps Gigabit Ethernet ports