orbi™

Whole Home AC2200 Tri-band WiFi System

Overview

Orbi™ is the simplest and smartest way to enjoy high-speed WiFi in every corner of your home. This Orbi WiFi System kit of two covers homes up to 3,500 square feet with strong WiFi signals. Innovative Tri-band WiFi helps maximize the Internet speeds available in your home, even as more devices connect. This system now includes NETGEAR Armor™, advanced cyber security for all your devices.

Enjoy better WiFi. Everywhere.

A
NETGEAR Armor™
Powered by Bitdefender®[2]

circle®
Smart Parental Controls[3]

Features

Your Home & Yard. Covered.
This kit of two covers up to a 3,500 sq ft[†] home with high-performance 2.2Gbps WiFi.

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

Manage Your Kids' Screen Time.
Circle® Smart Parental Controls let you easily manage content & time online on any device.

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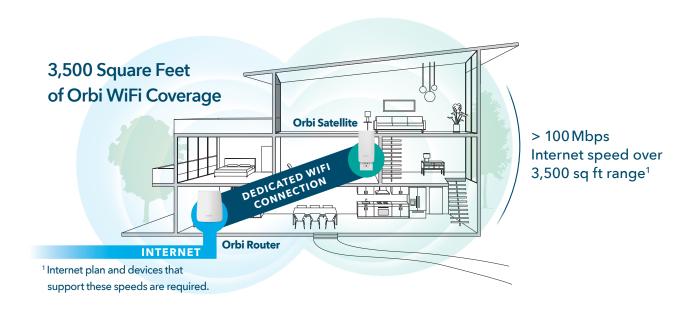
orbi™

NETGEAR®

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House Diagram

3,500 Square Feet of Orbi WiFi Coverage

Orbi Satellite

DEDICATED WIFI CONNECTION

> 100 Mbps Internet speed over 3,500 sq ft range[1]

INTERNET   Orbi Router

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

orbi NETGEAR

Simple setup from your smartphone or tablet.

Use the Orbi app to set up and manage your network. To find the app, search for NETGEAR Orbi in the Apple App Store or Google Play Store.

Download on the App Store

GET IT ON Google Play

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.

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 (RBR20)

Orbi Wall Plug Satellite (RBW30)

Power on/off

Sync

Internet

Gigabit Ethernet port

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Data Sheet

What's In the Box?

- One (1) Orbi Router (RBR20)
- One (1) Orbi Wall Plug Satellite (RBW30)
- One (1) 2 m 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

Physical Specifications

- Orbi Router (RBR20)
  - Dimensions: 5.6 x 2.4 x 6.6 in
  - Weight: 1.05 lb
- Orbi Wall Plug Satellite (RBW30)
  - Dimensions: 3.3 x 3.0 x 6.34 in
  - Weight: 0.67 lb

Technical Specifications

- Orbi AC2200 Router & Wall Plug Satellite (866 + 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) + 2x2 (5GHz) dedicated backhaul

- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands
- Processor – Router
  - Powerful quad-core 710MHz processor
- Memory – Router
  - 256MB flash and 512MB RAM
- Antenna
  - Four (4) high-performance internal antennas each
- Ports – Orbi Router
  - 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 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

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