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 three 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, even as more devices connect. This system now includes NETGEAR Armor™, advanced cyber security for all your devices.

Enjoy better WiFi. Everywhere.

Features

Your Home & Yard. Covered.  
This kit of three delivers 2.2Gbps maximum WiFi speeds for homes up to 5,000 sq ft¹.

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.

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

5,000 Square Feet of Orbi WiFi Coverage

Orbi Satellite

Orbi Satellite

Orbi Router

INTERNET

DEDICATED WIFI CONNECTION

> 100Mbps Internet speed over 5,000 sq ft range

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

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 for 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.
### Orbi Router (RBR20)

- **Sync**
- **Internet**
- **Power on/off**
- **Gigabit Ethernet port**

### Orbi Wall Plug Satellite (RBW30)
Whole Home AC2200 Tri-band WiFi System

Data Sheet
RBK23W

What’s In the Box?

• One (1) Orbi Router (RBR20)
• Two (2) Orbi Wall Plug Satellites (RBW30)
• One (1) 2m 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 each
  – Weight: 0.67 lb

Technical Specifications

• Orbi AC2200 Router & Wall Plug Satellites (866 + 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–256QAM support
  – Radio 3: IEEE® 802.11a/n/ac 5GHz–256QAM support
• Dedicated backhaul technology
• Four (4) high-performance antennas with high-power amplifiers each
• Implicit/Explicit Beamforming for 2.4 & 5GHz bands (866+866+400Mbps)†
• MU-MIMO capable for simultaneous data streaming on multiple devices
• Two (2) 10/100/1000Mbps Gigabit Ethernet ports (Router)
  – 1 WAN & 1 LAN
• 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

† Maximum wireless signal range derived from IEEE standard 802.11 specifications. Actual data throughput and data over distance will vary. Network conditions and environmental factors, including volume of network traffic, building material and construction, and network overhead, result in lower actual data throughput rate and wireless coverage.

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

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