Overview

This Orbi WiFi System comes with an Orbi WiFi Router and two Orbi Wall Plug Satellites that deliver unparalleled WiFi coverage. It covers homes up to 5,500 square feet with strong WiFi signals. Innovative Tri-band WiFi helps maximize the Internet speeds available in your home.

Enjoy better WiFi. Everywhere.

Features

**Single Network Name.**
One WiFi name and seamless roaming for your whole home to enjoy.

**Max Internet Speeds.**
Innovative Tri-band WiFi helps deliver fast Internet speeds even as more devices connect.

**Your Home & Yard. Covered.**
This kit of an AC3000 Router & two AC2200 Satellites covers up to a 5,500 sq ft home with high-performance WiFi.

**Easy Setup.**
Use the Orbi app or a web browser to create secure whole home WiFi in minutes. With no accounts to setup.
Orbi Router

5,500 Square Feet of Orbi WiFi Coverage

Dedicated Tri-band Connection ensures devices connect directly to maximum Internet speeds

> 150 Mbps Internet speed over 5,500 sq ft range

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.
Orbi Router (RBR50)  Orbi Wall Plug Satellite (RBW30)

- **Sync button**
- **Power button**
- **USB 2.0 port**
- **Plugs into existing modem**
- **Plugs into Ethernet-enabled devices**
What Do I Need for Orbi to Work?

• High-speed Internet connection
• Connect to existing modem or gateway

What’s In the Box?

• One (1) Orbi Router (RBR50)
• Two (2) Orbi Wall Plug Satellites (RBW30)
• One (1) 2m Ethernet cable
• One (1) 12V/3.5A power adapter
• Quick start guide

Physical Specifications

• Orbi Router (RBR50)
  – Dimensions: 6.7 x 3.1 x 8.89 in
  – Weight: 1.96 lb
• Orbi Wall Plug Satellites (RBW30)
  – Dimensions: 3.3 x 3.0 x 6.34 in each
  – Weight: 0.67 lb each
Whole Home AC3000 Tri-band WiFi System

Wireless Connectivity

- Single WiFi SSID
- Guest WiFi SSID available
- Orbi Router
  - AC3000 Simultaneous Tri-Band WiFi
    - WiFi Band 1: 400Mbps @ 2.4GHz
    - WiFi Band 2: 866Mbps @ 5GHz
    - WiFi Band 3: 1733Mbps @ 5GHz (dedicated backhaul)
  - Tx/Rx: 2x2 (2.4GHz) + 2x2 (5GHz) + 4x4 (5GHz) dedicated backhaul
  - IEEE® 802.11a/b/g/n/ac
- Orbi Wall-plug Satellites (2)
  - AC2200 Simultaneous Tri-Band WiFi
    - WiFi Band 1: 400Mbps @ 2.4GHz
    - WiFi Band 2: 866Mbps @ 5GHz
    - WiFi Band 3: 866Mbps @ 5GHz (dedicated backhaul)
    - Tx/Rx: 2x2 (2.4GHz) + 2x2 (5GHz) + 2x2 (5GHz) dedicated backhaul
    - IEEE® 802.11a/b/g/n/ac
- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands
- WiFi Security– WPA/PSK2
- Processor Router & Satellites
  - Powerful Quad-Core 710MHz processor
- Memory
  - Router: 4GB flash and 512MB RAM
  - Satellites: 128MB flash and 256MB RAM
- Antenna
  - Router: Six (6) high-performance internal antennas with high-power amplifiers
  - Satellite: Four (4) high-performance internal antennas
- Ports – Orbi Router
  - Four (4) 10/100/1000Mbps Gigabit Ethernet ports
    - One (1) WAN & three (3) LAN
    - One (1) 2.0 USB port
  - Router power on/off switch
  - Push button WPS support

This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller.

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

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.

Internet plan and devices that support these speeds are required.

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