



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.

Enjoy better WiFi. Everywhere.



Features



FastLane3™ Technology.

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.



Your Home & Yard. Covered.

This kit of three covers up to a 7,500 sq ft+ home with high-performance AC3000 WiFi.



Simple & Secure.

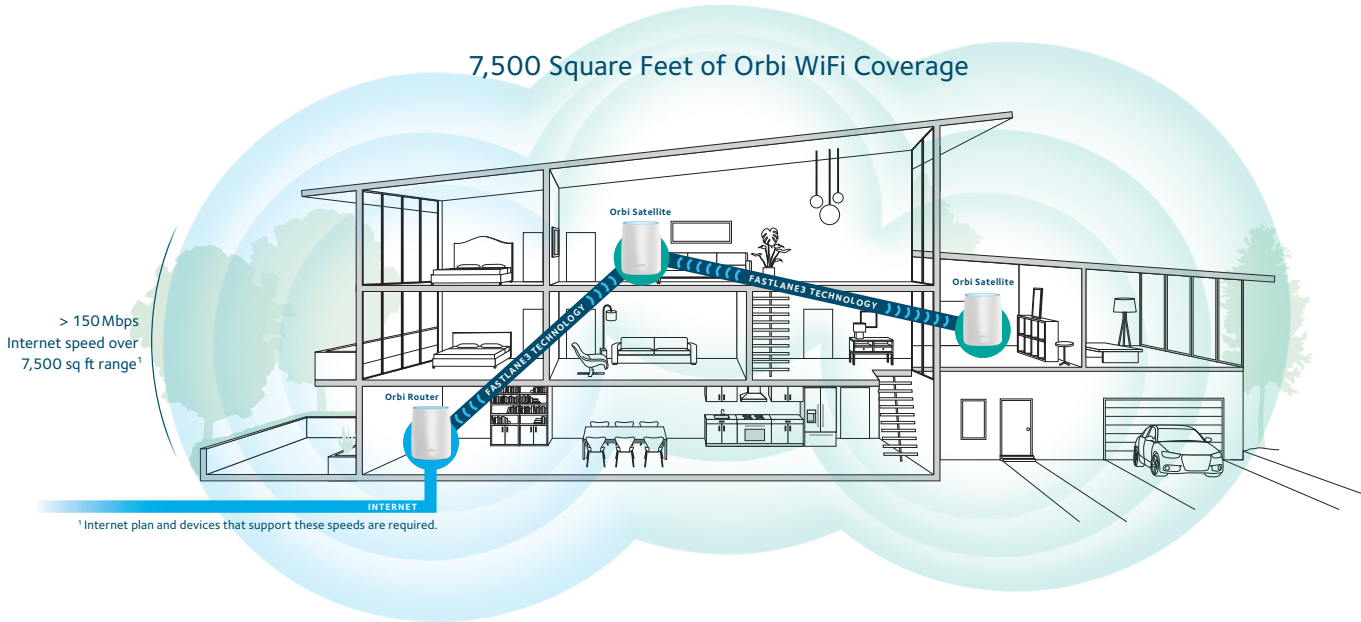
Use the Orbi app or a web browser to create secure whole home WiFi in minutes. With no accounts to setup.



Manage Your Kids' Screen Time.

Circle® with Disney Smart Parental Controls lets you easily manage content & time online on any device.

House Diagram



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 Satellite (RBS50)



Sync button
Plugs into existing modem
Plugs into Ethernet-enabled devices
USB 2.0 port
Power button

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Plugs into Ethernet-enabled devices
USB 2.0 port
Power button



What's In the Box?

- One (1) Orbi Router (RBR50)
- Two (2) Orbi Satellites (RBS50)
- One (1) 6.5 ft Ethernet cable
- Three (3) 12 V/3.5 A power adapters
- Quick start guide

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 - 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
- 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
- WiFi Security- WPA/PSK2
- Processor - Router & Satellites
 - Powerful Quad-Core 710MHz processor

- Memory - Router & Satellites
 - 4GB Flash and 512MB RAM
- Antenna - Router & Satellites (each)
 - Six (6) high performance internal antennas with high powered amplifiers
- Ports - Orbi Router
 - Four (4) 10/100/1000Mbps Gigabit Ethernet ports
 - One (1) WAN & three (3) LAN
 - One (1) 2.0 USB port
- Ports - Orbi Satellites (each)
 - Four (4) 10/100/1000Mbps Gigabit Ethernet LAN ports
 - One (1) 2.0 USB port
- Security
 - WPA/WPA2-PSK support
 - Guest WiFi Network is easy to setup separate & secure Internet access for guests

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: 1.96lb (890.5g) each

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.

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

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