orbi™

Orbi WiFi 6

Overview

Break free from limitations with strong, reliable, and lightning fast WiFi in every room of your home. From the top floor down to the basement, Orbi WiFi 6 brings you higher performance & simultaneous WiFi streaming, gaming & browsing on even more devices. This system now includes NETGEAR Armor™, advanced cyber security for all your devices.

The ultimate in smart home WiFi.

A

NETGEAR Armor™
Powered by Bitdefender®[2]

Features

Cutting Edge Performance.
Get the ultimate experience with 12 Streams of WiFi 6 and speeds up to 5.7Gbps.[†] Enjoy 4K/8K UHD streaming, lag-free gaming & smooth streaming.

More Capacity, More Battery Life.
Don't be held back by limited capacity. Enjoy more devices simultaneously with 4X the capacity than before & improved efficiency for longer battery life.

Gigabit Speeds Where You Need Them.
Don't let your home be a maze of dead zones. Get consistent speeds everywhere with WiFi and a dedicated wireless backhaul that bring the Internet speed you paid for to where you need it.

It's Easy.
Enjoying your WiFi has never been easier. Use the Orbi app and NETGEAR Armor to create your secure whole home WiFi in minutes.

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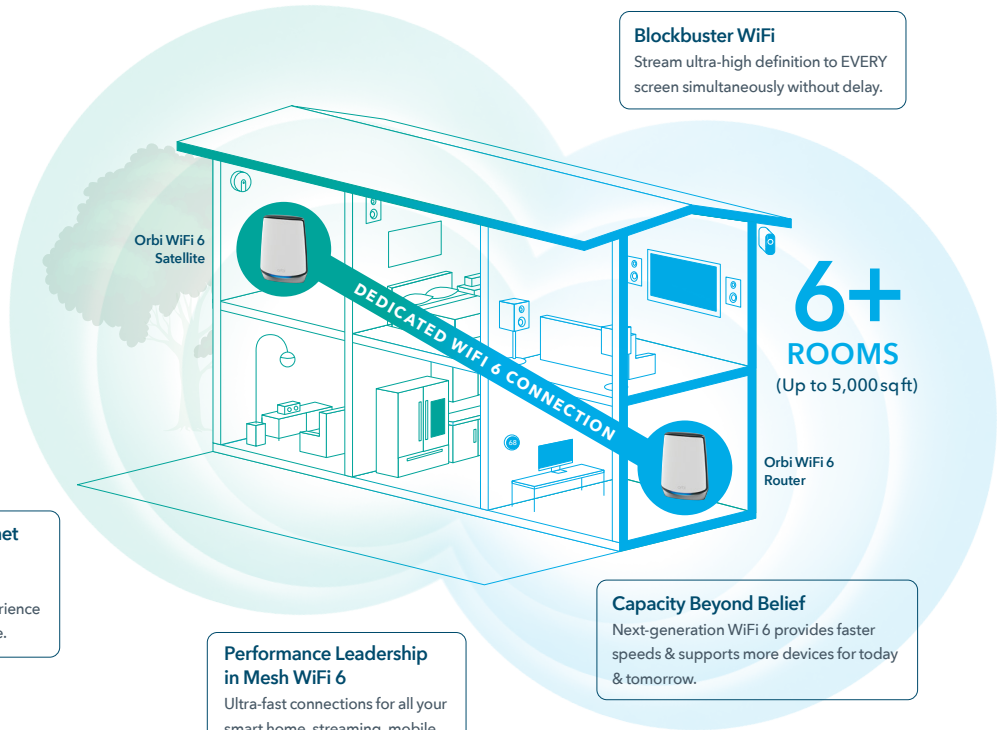## Orbi WiFi 6

House Diagram

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Ultimate Smart Home Experience

Blockbuster WiFi
Stream ultra-high definition to EVERY screen simultaneously without delay.

Orbi WiFi 6 Satellite

DEDICATED WiFi 6 CONNECTION

6+ ROOMS
(Up to 5,000 sq ft)

Orbi WiFi 6 Router

Built for Gigabit Internet Speeds Everywhere
You've paid for the fastest Internet speeds, now experience it everywhere in your home.

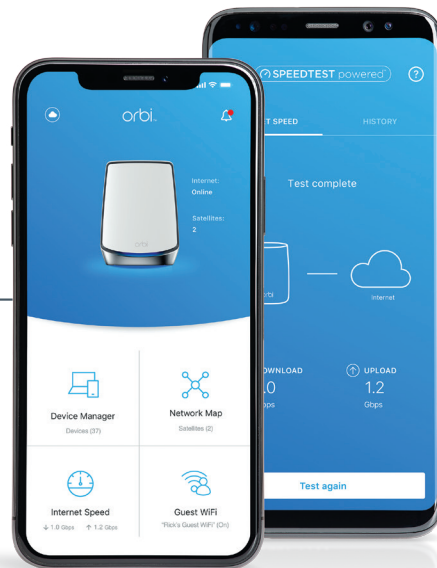**Capacity Beyond Belief**
Next-generation WiFi 6 provides faster speeds & supports more devices for today & tomorrow.

Performance Leadership in Mesh WiFi 6
Ultra-fast connections for all your smart home, streaming, mobile & gaming needs.

Orbi App

Use the Orbi app to setup and manage your Orbi WiFi.

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, on your laptops, tablets & smartphones.
- **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 (RBR840)

Orbi Satellite (RBS840)

Router

Sync

Internet

Gigabit Ethernet ports

Satellite

Sync

Gigabit Ethernet ports

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NETGEAR®

Orbi WiFi 6

Data Sheet

RBK842

What's In the Box?

- One (1) Orbi Router (RBR840)
- One (1) Orbi Satellite (RBS840)
- One (1) 2m Ethernet cable
- Two (2) 12V/3.5A power adapters
- Quick start guide

What Do I Need for Orbi to Work?

- High-speed Internet connection
- Connect to existing modem or gateway
- Orbi Mobile app

Physical Specifications

- Dimensions: 10 x 7.5 x 2.8 in each
- Weight: 2.86lb each

Software Features

- Orbi Mobile App

Technical Specifications

- AX5700 Router and AX5700 Satellite (900 + 2400 + 2400Mbps)†
- Simultaneous Tri-band WiFi
  - Radio 1: IEEE® 802.11b/g/n/ax 2.4GHz—256-QAM support
  - Radio 2: IEEE® 802.11a/n/ac/ax 5GHz—1024-QAM support
  - Radio 3: IEEE® 802.11a/n/ac/ax 5GHz—1024-QAM support

- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands
- Processor - Router & Satellite
  - Powerful quad-core 2.2GHz processor
- Memory – Router
  - 512MB NAND flash and 1GB RAM
- Antenna – Router & Satellite (each)
  - Eight (8) high-performance internal antennas with high-power amplifiers
- Ports – Orbi Router
  - Four (4) 10/100/1000Mbps Gigabit Ethernet LAN ports
  - One (1) 2.5Gbps Multi-Gigabit Ethernet WAN port
- Ports – Orbi Satellite
  - Four (4) 10/100/1000Mbps Gigabit Ethernet LAN ports
- 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

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

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

† Maximum wireless signal rate derived from IEEE standard 802.11 specifications. Network conditions and environmental factors, including volume of network traffic, building construction, and network overhead may decrease actual data throughput rate.

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

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