



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 Tri-band Mesh WiFi 6 Systems bring you higher performance & simultaneous WiFi streaming, gaming & browsing on even more devices. This system now includes NETGEAR Armor™, advanced cyber security for your connected devices. The ultimate in smart home WiFi. The ultimate in smart home WiFi.



NETGEAR Armor™
Powered by Bitdefender®¹



NETGEAR Smart
Parental Controls™²

Features



Cutting Edge Performance.

Get the ultimate experience with 12 Streams of WiFi 6 and speeds up to 6Gbps.† 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.



Cybersecurity With NETGEAR Armor™.

Protect your connected home devices from Internet threats with best-in-class anti-virus, anti-malware & data protection.¹



Manage Your Kids' Screen Time.

NETGEAR Smart Parental Controls let you easily manage your kids' time online across their connected devices.²



Gigabit Speeds Where You Need Them.

Don't let your home be a maze of dead zones. Get consistent speeds everywhere with Tri-band dedicated wireless backhaul, 12 Gigabit Ethernet ports & a 2.5Gbps Internet port.



It's Easy.

Enjoying your WiFi has never been easier. With the Orbi app, set up your WiFi, customize your settings & enjoy your new Orbi WiFi in minutes.



House Diagram



Ultimate
Smart Home
Experience

Orbi WiFi 6
Satellite

Orbi WiFi 6
Satellite

Orbi WiFi 6
Router

8+ ROOMS
(Up to 7,500sqft)

**Built for Gigabit Internet
Speeds Everywhere**

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

**Performance Leadership
in Mesh WiFi 6**

Ultra-fast connections for all your
smart home, streaming, mobile
& gaming needs.

Capacity Beyond Belief

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

Blockbuster WiFi

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



Orbi App

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



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.



Advanced Cyber Security for 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 your Android® or Windows™ 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](https://www.netgear.com/armor)



Orbi Router (RBR850)

Orbi Satellite (RBS850)



Synd
Internet
Gigabit Ethernet ports



Synd
Gigabit Ethernet ports



What's In the Box?

- One (1) Orbi Router (RBR850)
- Two (2) Orbi Satellites (RBS850)
- One (1) 2m Ethernet cable
- Three (3) 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

Software Features

- Orbi Mobile App

Physical Specifications

- Dimensions: 10 x 7.5 x 2.8 in each
- Weight: 2.87 lb each

Technical Specifications

- Orbi AX6000 Router and AX6000 Satellites

- (2400 + 2400 + 1200Mbps)†
- Simultaneous Tri-band WiFi
 - Radio 1: IEEE® 802.11b/g/n/ax 2.4GHz—1024-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 & Satellites
 - Powerful quad-core 2.2GHz processor
- Memory – Router
 - 512MB NAND flash and 1GB RAM
- Antenna – Router & Satellites (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
 - WAN link aggregation by using 1Gbps LAN port together with 2.5Gbps WAN port
- Ports – Orbi Satellites (each)
 - 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
- NETGEAR Smart Parental Controls™ — Manage your kids' time online across their connected devices. Learn more at netgear.com/spc

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