



# Whole Home Tri-band Mesh WiFi 6 System - 840 Series



## A Superior Class of WiFi

Experience superior high-performance WiFi with up to 6Gbps<sup>†</sup> WiFi speeds & coverage up to 8,000 sq. ft., including front & back yards. With 1-year subscription<sup>1</sup> included of advanced security with NETGEAR Armor, this WiFi 6 Tri-band Mesh System delivers an unrivaled whole-home WiFi experience.

### Key Features

- **Cutting Edge Performance**—Enjoy 4K/8K UHD streaming, lag-free gaming, & smooth streaming with max speeds up to 6Gbps<sup>†</sup>, dedicated backhaul for a stronger network connection, and 12 streams of WiFi 6 for more capacity.
- **WiFi That Stays Fast**—Industry-unique Tri-band with dedicated backhaul ensures max speeds for up to 100 connected devices at once to keep up with your family's streaming, gaming, & smart home needs.
- **Fast Multi-Gig Internet**—Experience today's fastest Multi-Gig Internet<sup>‡</sup> with a 2.5Gbps<sup>†</sup> Internet port for your most demanding tech devices—such as game consoles, streaming players, & computers.
- **More Gigabit Wired Connections**—Get Gigabit speeds<sup>‡</sup> wired into your gaming consoles and IoT gateways for smooth streaming and fast speeds with 12 Gigabit Ethernet ports.
- **Exclusive Features**—NETGEAR Armor™, with 1-year subscription included<sup>1</sup>, protects your family's WiFi with an automatic shield for your connected devices. Get real-time protection against hackers invading devices like laptops, phones, security cameras, & door locks, as well as alerts when sensitive data may be stolen.
- **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.
- **Voice Control**—Control your WiFi using voice commands when you have Amazon Alexa™ or the Google® Assistant

### Technical Specifications

- Orbi AX6000 Router and AX6000 Satellites
- Simultaneous Tri-band with 12 streams of WiFi
  - 5GHz-1 (4x4/80MHz, 1024-QAM), 2,400Mbps
  - 5GHz-2 (4x4/80MHz, 1024-QAM), 2,400Mbps, Dedicated Backhaul
  - 2.4GHz (4x4/80MHz, 1024-QAM), 1,200Mbps
- 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 - Router
  - Four (4) 10/100/1000Mbps Gigabit Ethernet LAN ports
  - One (1) 2.5Gbps Multi-Gigabit Ethernet WAN port
- Ports - Satellites
  - Four (4) 10/100/1000Mbps Gigabit Ethernet LAN ports each

### Services & Security

- Orbi Mobile App - Do it all in the Orbi App to easily set up, monitor and manage your Orbi WiFi and access exclusive NETGEAR services.
- NETGEAR Armor™ - Protect your family's WiFi with an automatic shield of security for your connected devices. Real-time protection against hackers getting into devices like laptops, phones, security cameras, & door locks, as well as alerts when sensitive data may be stolen. Plus, added privacy protection with VPN for secure network access. 1-year subscription included.<sup>1</sup>
- Award-winning NETGEAR® Smart Parental Controls™ easily manages your kids' exposure & time online across all their connected devices to build healthy habits wherever they are, with a Premium SPC subscription<sup>2</sup>
- Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
- Guest WiFi network makes it easy to set up separate & secure Internet access for guests

# Whole Home Tri-band Mesh WiFi 6 System - 840 Series

## Package Contents

- One (1) Orbi Router (RBR840)
- Two (2) Orbi Satellites (RBS840)
- One (1) 6 ft. (2m) Ethernet cable
- Three (3) 12V/3.5A power adapters
- Quick start guide

## System Requirements

- High-speed Internet connection to existing modem or gateway

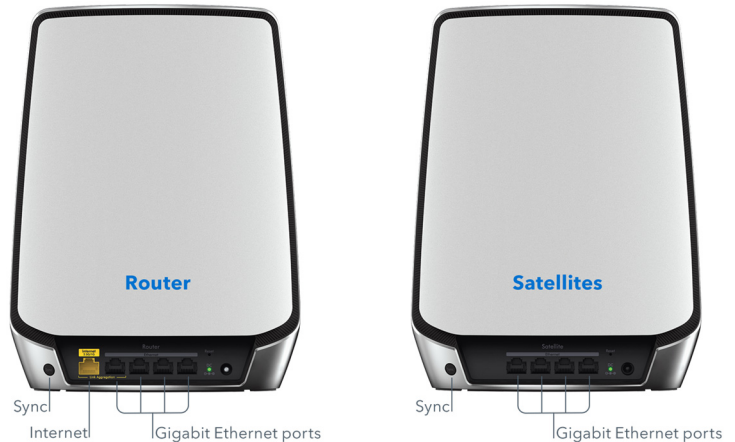
## Warranty & Support

- Dedicated Technical Support for Costco Members\* (888) 228-4719
- [www.netgear.com/warranty](http://www.netgear.com/warranty)

## Physical Specifications

- Dimensions: 10 x 7.5 x 2.8 in (254 x 190.5 x 71.12 mm) each
- Weight: 2.86 lb (1.29 kg) each

## Connection Diagram



This product comes with a 1-year limited warranty and 90-day complimentary technical support that is valid only if purchased from a NETGEAR authorized reseller.

\*1-year technical support for Costco customers. Complimentary technical support following purchase from Costco. [www.netgear.com/support](http://www.netgear.com/support)

† Maximum wireless signal rate derived from IEEE® 802.11 specifications. Actual data throughput and wireless coverage will vary and be lowered by network and environmental conditions, including network traffic volume, device limitations, and building construction. NETGEAR makes no representations or warranties about this product's compatibility with future standards. To achieve maximum wireless/wired speed requires devices that use the latest wireless/wired standards and support maximum speeds.

‡ Gigabit service plans & compatible cable modem required for Gigabit or Multi-Gig Internet speeds.

<sup>1</sup> NETGEAR Armor™ Powered by Bitdefender® requires a paid subscription after the initial 1-year free trial. Visit [www.netgear.com/armor](http://www.netgear.com/armor)

<sup>2</sup> NETGEAR Smart Parental Controls™ fees apply for a Premium Plan. Visit [www.netgear.com/spc](http://www.netgear.com/spc) for more information.

For indoor use only.

For regulatory compliance information, visit [www.netgear.com/about/regulatory](http://www.netgear.com/about/regulatory).

NETGEAR, the NETGEAR Logo, NETGEAR Armor, NETGEAR Smart Parental Controls and Orbi are trademarks of NETGEAR, Inc. Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc., registered in the U.S. and other countries. Google Play and the Google Play logo are trademarks of Google LLC. Any other trademarks on this package are for reference purposes only. ©2023 NETGEAR, Inc.

NETGEAR, Inc. 350 E. Plumeria Drive, San Jose, CA 95134-1911 USA, [www.NETGEAR.com/support](http://www.NETGEAR.com/support)

TS-RBK843S-CCNA-0