

# Orbi™ Tri-band Mesh WiFi 6 Add-on Satellite - 860 Series, Black Edition



## High-performance, Whole-home WiFi

The Orbi 860 Tri-Band Mesh WiFi 6 Satellite extends high-performance, whole-home WiFi with blazing-fast speeds up to 6Gbps<sup>†</sup> for up to 100 connected devices. Upgraded antenna design boosts coverage even further, up to 2,700 sq. ft. throughout your home—even to your front and back yards.

### Key Features

- **Cutting Edge Performance**—Extends high-performance, whole-home WiFi with up to 6Gbps WiFi speeds & additional coverage up to 2,700 sq. ft., including front and backyards.
- **New and Improved Antenna**—Proprietary WiFi optimization & newly enhanced antenna design maximizes signal strength & delivers up to 20% greater WiFi coverage & performance.<sup>1</sup>
- **More Capacity for Data-intensive Activities**—Stream 4K/8K movies, Zoom video conferences, WiFi calls, and keep your security cameras, door locks, laptops, phones, and smart home devices connected with confidence.
- **Patented Tri-band**—Patented & industry-unique Tri-Band & dedicated backhaul WiFi ensure max speeds for up to 100 connected devices.
- **Voice Control**—Control your WiFi using voice commands when you have Amazon Alexa™ or the Google® Assistant

### Technical Specifications

- Orbi Satellite (2400 + 2400 + 1200Mbps)<sup>†</sup>
- 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
- Powerful quad-core 2.2GHz processor
- Antenna - Eight (8) high-performance internal antennas with high-power amplifiers
- Ports - Four (4) 10/100/1000Mbps Gigabit Ethernet LAN ports

### Services

- Orbi Mobile App - Just tap to manage your network, set up guest WiFi access, monitor devices and data usage, run speed tests, and more.

# Whole Home Tri-band Mesh WiFi 6 System - 860 Series, Black Edition

## Package Contents

- One (1) Orbi Satellite (RBS860B)
- One (1) power adapter
- Quick start guide

## System Requirements

- High-speed Internet connection to existing modem or gateway
- Orbi WiFi 6 Router (RBR860B) - SOLD SEPARATELY

## Warranty & Support

- 90-day complimentary technical support following purchase from a NETGEAR authorized reseller\*
- [www.netgear.com/warranty](http://www.netgear.com/warranty)

## Physical Specifications

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

## Connection Diagram



**Gigabit Ethernet Ports**  
High speed wired connection up to 1 Gbps for streaming players, TVs, game consoles, computers, and more.

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 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. Up to 6Gbps wireless speeds achieved when connecting to other 802.11ax 6Gbps devices.

Wireless speeds are country-specific, as certain WiFi band channels may not be available in some countries.

‡ Compared to RBK853 throughput improvement at maximum range.

⊕ MU-MIMO capability requires both router and client device to support MU-MIMO.

For indoor use only.

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

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