



# Whole Home Tri-band Mesh WiFi 6 System



## Powerful Smart Home WiFi

Break free from limitations with strong, reliable, and fast WiFi in every corner 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 more devices. NETGEAR Armor™ Powered by Bitdefender® protects your WiFi with an automatic shield of security across every PC, phone, camera, TV, Echo, etc.<sup>1</sup>

### Key Features

- **High-Performance Whole Home WiFi**—Experience superior whole home WiFi with up to 3.8Gbps<sup>†</sup> WiFi speeds & coverage up to 6,600 sq. ft., including front & back yards.
- **WiFi That Stays Fast**—Patented & industry-unique Tri-band & dedicated backhaul WiFi ensures max speeds for up to 75 connected devices.
- **Up to 3x Faster**—Get up to 3x faster WiFi speed compared to other mesh technologies without a dedicated backhaul. It's the dedicated backhaul with the direct router-to-satellite connection that makes doing data-intensive tasks on multiple WiFi devices simultaneously so fast and smooth.<sup>3</sup>
- **2x Faster for Newer PCs & Android Phones**—Higher capacity 160MHz channels provide 2x faster speed, up to Gigabit WiFi, to the latest Windows PCs and Android® phones.
- **27% Faster Than Previous Orbi**—Improved WiFi engineering on this Orbi mesh system delivers up to 27% faster data throughput and wireless coverage when compared to the Orbi RBK653.
- **Gigabit Wired Speeds Where You Need Them**—This Orbi Mesh System delivers reliable high-speed Internet for up to 6,600 square feet. With 7 Gigabit LAN ports, you can give your most demanding tech products their own wired connection.
- **Voice Control**—Control your WiFi using voice commands when you have Amazon Alexa™ or the Google® Assistant

### Technical Specifications

- Orbi AX3800 Router and Orbi AX3800 Satellites (492+960+2400Mbps)<sup>†</sup>
- 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 – 256-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 dual-core 1GHz processor
- Memory - Router
  - 4GB eMMC NAND flash and 1GB RAM
- Antennas – Router & Satellites (each)
  - Six (6) high-performance internal antennas with high-power amplifiers
- Ports – Router
  - One (1) 1 Gigabit Ethernet WAN port
  - Three (3) 1 Gigabit Ethernet LAN ports
- Ports – Satellites (each)
  - Two (2) Gigabit Ethernet LAN ports

### Services & Security

- NETGEAR Armor™ - NETGEAR Armor™ Powered by Bitdefender® protects your WiFi with an automatic shield of security across every PC, phone, camera, TV, Echo, etc.<sup>1</sup>
- NETGEAR Smart Parental Controls™ - Easily manage your kids' exposure & time online across all their connected devices to build healthy habits wherever they are, with a Premium SPC subscription. Visit [www.netgear.com/spc](http://www.netgear.com/spc)<sup>2</sup>
- Orbi Mobile App - Easily set up, monitor and manage your Orbi WiFi, and access exclusive NETGEAR services
- 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

## Package Contents

- One (1) Orbi Router (RBR660)
- Two (2) Orbi Satellites (RBS660)
- One (1) 2m Ethernet cable
- Three (3) power adapters
- Quick start guide

## System Requirements

- High-speed Internet connection to existing modem or gateway
- Works with any Internet service provider

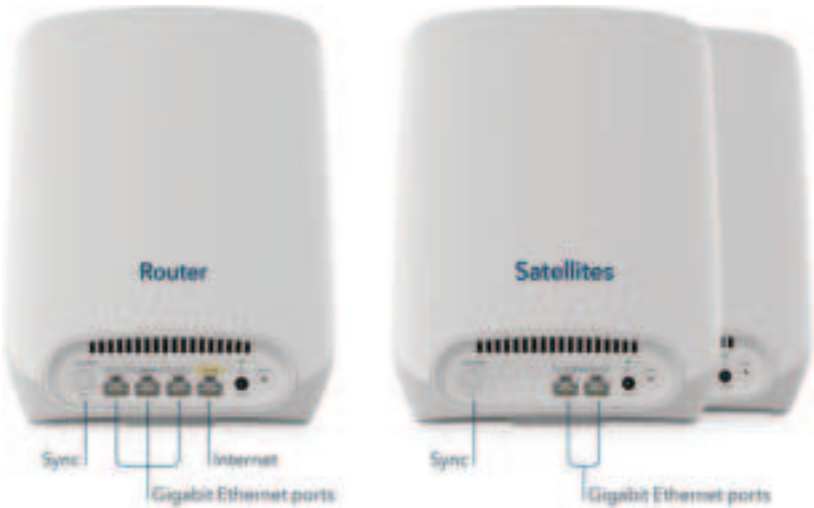
## Warranty & Support

- [www.netgear.com/support](http://www.netgear.com/support)
- [www.netgear.com/warranty](http://www.netgear.com/warranty)
- Extend your coverage with purchase of NETGEAR ProSupport. [www.netgear.com/home/services/prosupport](http://www.netgear.com/home/services/prosupport)

## Physical Specifications

- Router & Satellites
  - Dimensions: 8.3 x 6.6 x 2.5 in (211 x 168 x 64 mm)
  - Weight: 1.6 lb (0.72 kg)

## Connection Diagram



This product comes with a 1-year limited warranty that is valid only if purchased 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. To achieve maximum wireless/wired speed requires devices that use the latest wireless/wired standards and support maximum speeds.

<sup>1</sup> NETGEAR Armor™ is free during the initial 30-day trial period. A yearly subscription, after the trial period, protects your connected devices. 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.

<sup>3</sup> Compared to other mesh technologies without a dedicated backhaul, while doing data-intensive tasks on multiple WiFi devices simultaneously.

For indoor use only.

Wireless speeds are country specific as certain WiFi bands channels may not be available in some countries. For regulatory compliance information, visit [www.netgear.com/about/regulatory](http://www.netgear.com/about/regulatory).

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