



# Whole Home Quad-band Mesh WiFi 7 System

## 970 Series



## WiFi 7, Perfected

Orbi WiFi 7 is in a class of its own, designed for a new era of entertainment, hybrid work, and smart home convenience. The Orbi 970 Series unlocks the power of WiFi 7 with speeds up to 27Gbps, 2.4X faster than WiFi 6. In addition, the Orbi 970 brings exceptional 360° WiFi coverage across every corner of your home, regardless of the layout, from the front door to the back yard. It includes a 1-year subscription of Armor, all-in-one security protection.<sup>1</sup>

### Key Features

- **Exceptional Performance**—Cutting-edge WiFi 7 performance, whole-home WiFi with up to 27Gbps<sup>†</sup> WiFi speeds & 360° coverage up to 10,000 sq. ft., from the front door to the back yard.
- **2.4X Faster than WiFi 6**—Unlock incredible speeds up to 27Gbps on the only mesh system designed to ensure WiFi stays fast on your devices simultaneously.
- **Exceptional Whole-home Mesh WiFi**—Elegant new design and high-performance antennas provide 360° WiFi coverage throughout your home, no matter the layout, from the front door to the backyard.
- **Unleash Incredible Speed**—Whether Multi-Gig cable or fiber, get the fastest speeds available today and tomorrow with a 10 Gig internet port.
- **Designed for a Flawless Experience**—From 4K/8K streaming to video conferencing, gaming, AR/VR and more, Orbi ensures your family can accomplish it all at once.
- **Enhanced Dedicated Backhaul**—Multi-link operation ensures maximum speeds across your devices.
- **Resilient WiFi**—Preamble puncturing blocks interference for stronger WiFi connections.
- **Easy Setup and Management**—Orbi works with any internet service provider. The Orbi app makes it a breeze to set up and manage your WiFi.

### Technical Specifications

- Combined WiFi speeds of up to 27Gbps on Orbi Router and Satellites
- Quad-band with 16 streams of WiFi
  - 6GHz (4x4/320MHz, 4K-QAM): 11,530Mbps
  - 5GHz-1 (4x4/240MHz, 4K-QAM): 8,647Mbps, Dedicated Backhaul
  - 5GHz-2 (4x4/160MHz, 4K-QAM): 5,765Mbps
  - 2.4GHz (4x4/40MHz, 1K-QAM): 1,147Mbps
- Multi-Gig Ethernet ports - Orbi Router
  - One (1) 10 Gig internet WAN port
  - One (1) 10Gbps Ethernet LAN port
  - Four (4) 10/100/1000/2500Mbps Gigabit Ethernet LAN ports
- Multi-Gig Ethernet ports - Orbi Satellites
  - One (1) 10Gbps Ethernet LAN port (each)
  - Two (2) 10/100/1000/2500Mbps Gigabit Ethernet LAN ports (each)
- Multi-link Operation: Combines two WiFi bands
  - Backhaul: Dedicated 5GHz-1 & 6GHz
  - Fronthaul: 5GHz-2 & 6GHz
- Processor - Router
  - Powerful quad-core 2.2GHz processor
- Memory - Router
  - 4GB flash and 2GB RAM

### 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™ Powered by Bitdefender®—All-in-one internet security. 1-year subscription included.<sup>1</sup> Visit: [www.netgear.com/armor](http://www.netgear.com/armor)
- NETGEAR Smart Parental Controls—Easily manage your kids' time online across their connected devices.<sup>2</sup> Learn more at: [www.netgear.com/spc](http://www.netgear.com/spc)
- Separate WiFi networks for secure access:
  - Main Network for all your home devices
  - IoT Network for all your IoT devices
  - Guest Network for guests
- WPA3 for secure WiFi connection to devices
- Automatic firmware update delivers latest security patches to the router automatically
- VPN support provides secured remote access to your home network

## Whole Home Quad-band Mesh WiFi 7 System 970 Series

### Package Contents

- One (1) Orbi WiFi 7 Router (RBE971B)
- Two (2) Orbi WiFi 7 Satellites (RBE970B)
- One (1) 2m Ethernet cable
- Three (3) power adapters
- Quick start guide

### System Requirements

- High-speed Internet connection to existing modem or gateway

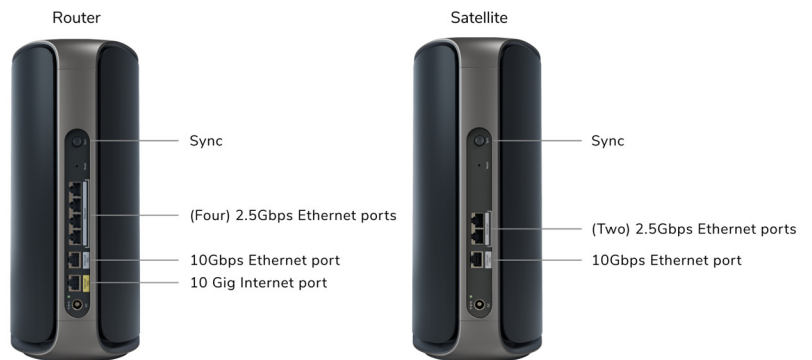
### Warranty & Support

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

### Physical Specifications

- Dimensions: 11.58 x 5.68 x 5.15 in (294.03 x 144.38 x 130.79 mm) each
- Weight: 3.96 lb (1.79 kg) each

### Connection Diagram



This product comes with a 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™ Powered by Bitdefender® requires a paid subscription after the initial 1-year free trial.

<sup>2</sup> NETGEAR Smart Parental Controls™ fees apply for a Premium Plan.

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

NETGEAR, the NETGEAR Logo, NETGEAR Armor, and Orbi are trademarks of NETGEAR, Inc. Any other trademarks mentioned herein are for reference purposes only. ©2023 NETGEAR, Inc.