NETGEAR RBE971 Whole Home Quad-band Mesh WiFi 7 Router System User Guide

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Contents

Package Contents

- One (1) Orbi WiFi 7 Router (RBE971)
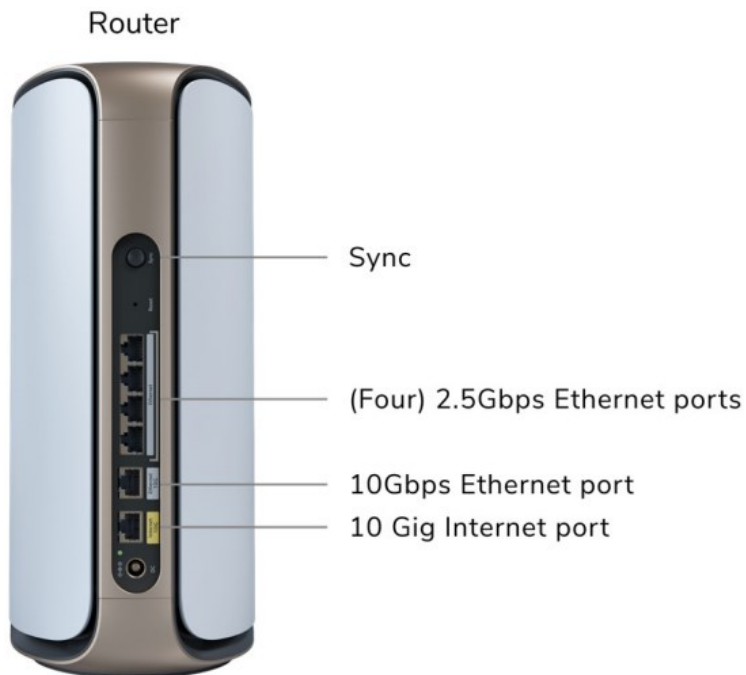- One (1) power adapter
- Quick start guide

Key Features

- **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.
- **Unleash Incredible Speed—** Whether Multi-Gig cable or fiber, get the fastest speeds available today and tomorrow with a 10 Gig internet port.
- **High-performance antennas—** Get enhanced 360° coverage from the front door to the back yard, around corners, and across your whole home.
- **Ultra-fast wired performance—** Get the fastest, most reliable performance yet for wired connections with one 10 Gig and four 2.5 Gig LAN ports.
- **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.

System Requirements

- High-speed Internet connection to existing modem or gateway

Connection Diagram

Router

Sync

(Four) 2.5Gbps Ethernet ports

10Gbps Ethernet port
10 Gig Internet port

Physical Specifications

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

Technical Specifications

- Coverage: up to 3,000 sq. ft.
- Quad-band with 16 streams of WiFi
  - 6GHz (4×4/320MHz, 4K-QAM): 11,530Mbps
  - 5GHz-1 (4×4/240MHz, 4K-QAM): 8,647Mbps, Dedicated Backhaul
  - 5GHz-2 (4×4/160MHz, 4K-QAM): 5,765Mbps

- 2.4GHz (4×4/40MHz, 1K-QAM): 1,147Mbps
- **Multi-Gig Ethernet ports**
  - One (1) 10 Gig internet WAN port
  - One (1) 10Gbps Ethernet LAN port
  - Four (4) 10/100/1000/2500Mbps Gigabit Ethernet LAN ports
- **Processor**
  - Powerful quad-core 2.2GHz processor
- **Memory**
  - 4GB flash and 2GB RAM

Warranty & Support

- 90-day complimentary technical support following purchase from a NETGEAR authorized reseller
- **www.netgear.com/warranty**

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 Visit: **www.netgear.com/armor**
- NETGEAR Smart Parental Controls—Easily manage your kids' time online across their connected devices.2 Learn more at: **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 automatically
- VPN support provides secured remote access to your home network

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.

1. NETGEAR Armor™ Powered by Bitdefender® requires a paid subscription after the initial 30 day free trial.
2. NETGEAR Smart Parental Controls™ fees apply for a Premium Plan.

For regulatory compliance information, visit **www.netgear.com/about/regulatory**.

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