

# Orbi™ Quad-Band WiFi 6E Mesh-Ready Router

## 960 Series



## Powerful Quad-Band WiFi Router

The Orbi 960 Quad-Band WiFi 6E Mesh-Ready Router, with the WiFi 6E “express lane” and a 10-Gig wired Internet port, delivers ultra-fast speeds and massive device capacity. With combined lightening-fast WiFi speeds of up to 10.8Gbps across up to 3,000 square feet, you'll enjoy the most amazing WiFi experience ever. Protect data, sensitive information, and devices with award-winning NETGEAR Armor™ Internet security.

### Key Features

- **Fastest Possible Speeds**—RBRE960 delivers the fastest WiFi possible at combined speeds up to 10.8Gbps† with coverage up to 3,000 square feet to help everyone in your home accomplish more in a snap.
- **Access All-new WiFi 6E**—Experience lightening-fast WiFi with the 6GHz “express lane”<sup>3</sup> dedicated to WiFi 6E devices, including the latest ultra laptops & Samsung Galaxy phones & tablets.
- **Use Multiple Devices Simultaneously**—Enjoy 4K/8K video streaming, Zoom video conferencing, and WiFi calling for up to 200 devices without dropped connections.
- **Faster Speeds from Your ISP**—10-Gig Internet port unleashes Internet speeds of today and tomorrow - 1.4Gbps, 2Gbps, 5Gbps, or 10Gbps Internet.<sup>††</sup>
- **High-Speed Wired Connections**—Create a super-fast wired connection for your most demanding tech with a 2.5-Gigabit LAN port
- **Expandable High-performance Mesh**—Easily expand WiFi coverage by adding an Orbi 960 satellite (sold separately) to future-proof your router investment.
- **Voice Command**—Control your WiFi using voice commands when you have Amazon Alexa™ or the Google® Assistant.

### Technical Specifications

- Orbi AXE11000 Router (1200+2400+2400+4800Mbps)<sup>†</sup>
- Simultaneous quad-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
  - Radio 4: IEEE® 802.11a/n/ac/ax 6GHz – 1024-QAM support<sup>3</sup>
- MU-MIMO<sup>™</sup> capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz, 5GHz & 6GHz bands
- Powerful quad-core 2.2GHz processor
- Memory - Router
  - 512MB NAND flash and 1GB RAM
- Twelve (12) high-performance internal antennas with high-power amplifiers
- Ports
  - One (1) 10Gbps Multi-Gigabit Ethernet WAN port
  - One (1) 2.5Gbps Multi-Gigabit Ethernet LAN port
  - Three (3) 10/100/1000Mbps Gigabit Ethernet LAN ports

### Services & Security

- NETGEAR Armor™ Powered by Bitdefender® – Protect your WiFi with a shield of security across your PC, phone, camera, TV, Echo, etc.<sup>1</sup>
- NETGEAR Smart Parental Controls™ - Promote healthy Internet habits, foster responsibility and build trust with your kids<sup>2</sup>
- Orbi App - Easily set up your WiFi System, manage your network remotely, pause the Internet on any device, track your Internet data usage, and more
- 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

Package Contents

- One (1) Orbi Router (RBRE960)
- One (1) 6.6 ft (2m) Ethernet cable
- One (1) power adapter
- 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)

Connection Diagram



Physical Specifications

- Dimensions: 11 x 7.5 x 3.3 in (279 mm x 191 mm x 84 mm)
- Weight: 3.0 lb (1.36 kg)

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 11,000Gbps wireless speeds achieved when connecting to other 802.11ax 11,000Gbps devices.

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

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

<sup>1</sup> NETGEAR Armor™ is free during the trial period. A yearly subscription, after the trial period, protects all of 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> 6GHz band is limited to indoor usage. Clients must support 6GHz band (WiFi 6E).

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

For indoor use only.

The country settings must be set to the country where the device is operating.

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

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