

Whole Home Quad-band Mesh WiFi 6E System

960 Series



The Ultimate 10 Gig WiFi 6E Mesh System

Experience the unmatched quad-band WiFi experience with the ultra-fast WiFi 6E band, enabling improved speed & performance for connected devices. Proprietary WiFi optimization & newly enhanced antenna design maximize signal strength & deliver greater WiFi coverage & performance. Unleash the fastest download speeds up to 10Gbps by connecting to the latest cable or optical fiber Internet services with speeds greater than 1Gbps.

Key Features

- **Cutting Edge Performance**—High-performance, whole-home WiFi with up to 10.8Gbps[†] WiFi speeds & coverage up to 6,000 sq. ft., including front & back yards.
- **10 Gig Internet Port for Multi-Gig Speeds**—Experience the fastest download speeds of today & tomorrow. Connect to the latest cable or optical fiber Internet services with speeds greater than 1Gbps, up to 10Gbps.
- **WiFi That Stays Fast**—Patented Quad-band & dedicated backhaul WiFi ensures maximum speeds are delivered, even as more devices connect.
- **2.5 Gigabit Ethernet Port for Wired Connection**—Super high-speed wired connection up to 2.5Gbps for devices.
- **New and Improved Antenna Design**—Using proprietary WiFi optimization and newly enhanced antenna design maximizes signal strength and delivers greater WiFi coverage & performance.
- **Voice Control**—Control your WiFi using voice commands when you have Amazon Alexa™ or the Google® Assistant

Technical Specifications

- Orbi AXE11000 Router and AXE11000 Satellite (1200+2400+2400+4800Mbps)[†]
- 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 – 1024QAM support³
- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz, 5GHz & 6GHz bands
- Processor - Router & Satellite
 - Powerful Quad-core 2.2GHz processor
- Memory - Router
 - 512MB NAND flash and 1GB RAM
- Antennas - Router & Satellite
 - Twelve (12) high-performance internal antennas with high-power amplifiers
- Ports - Router
 - 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
- Ports - Satellite
 - One (1) 2.5Gbps Multi-Gigabit Ethernet LAN port
 - Three (3) 10/100/1000Mbps Gigabit Ethernet LAN ports each

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™ - NETGEAR Armor™ software provides an automatic shield of security powered by Bitdefender™ for your WiFi & connected devices—such as phones, laptops, cameras, & TVs—for real-time protection against hackers & added privacy with VPN.¹ Visit: www.netgear.com/armor
- Award-winning NETGEAR® Smart Parental Controls™ easily manages your kids' exposure & time online across all their connected devices². Learn more at: www.netgear.com/spc
- Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
- Supports WPA3, the latest and cutting-edge WiFi security protocol
- Guest WiFi network makes it easy to set up separate & secure Internet access for guests

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Package Contents

- One (1) Orbi WiFi 6E Router (RBRE960)
- One (1) Orbi WiFi 6E Satellite (RBSE960)
- One (1) 2m Ethernet cable
- Two (2) 19V/3.16A 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

Physical Specifications

- Dimensions: 10 x 7.5 x 3.3 in (254 x 190.5 x 83.82 mm) each
- Weight: 3 lb (1.36 kg) each

Connection Diagram



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

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

¹ NETGEAR Armor™ is free during the trial period. A yearly subscription, after the trial period, protects all of your connected devices.

² NETGEAR Smart Parental Controls™ fees apply for a Premium Plan.

³ 6GHz band is limited to indoor usage.

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

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