



Overview

With unprecedented performance, proven reliability, and vast coverage, you'll wonder why you waited so long to upgrade your WiFi to Orbi. The ultra-fast WiFi 6E band enables the newest devices to connect at their full potential. Orbi's breakthrough quad-band mesh WiFi delivers next-level streaming, gaming, video conferencing, eLearning, and rock-solid connections to your always-on smart home devices.



9,000 sq. ft. WiFi Coverage[†]

10.8 Gbps

WiFi Speed[†]



NETGEAR Armor™ Cybersecurity¹



NETGEAR Smart Parental Controls™²

Features



Cutting Edge Performance.

Connect even more smart home devices, and work and play at the same time — with up to 10.8Gbps[†] WiFi speed to share. Devices now connect more efficiently, saving battery life too.



WiFi Everywhere.

Work, stream and game from anywhere. Orbi Quad-band Mesh WiFi delivers top speeds to every corner of your home. Expand coverage as you please by adding another satellite.



Get All of Your Internet Speed.

With Multi-Gigabit wired & WiFi speeds, this quad-band Orbi system delivers superfast WiFi to all your devices. Get the download speeds you pay for and be ready for an even faster future.



It's Easy.

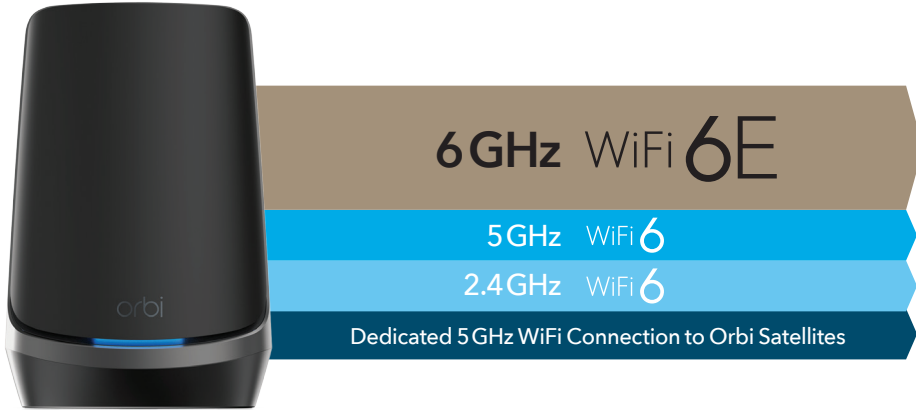
With the Orbi app you are setup and enjoying your new Orbi WiFi in minutes.



Orbi Quad-Band WiFi 6E Mesh System - Black Edition

Data Sheet

RBKE963B



WiFi 6E added to award-winning Orbi Tri-band Mesh Technology creates an unmatched quad-band WiFi experience. WiFi 6E devices use this ultra-fast band, enabling improved speed & performance for connected devices.

House Diagram





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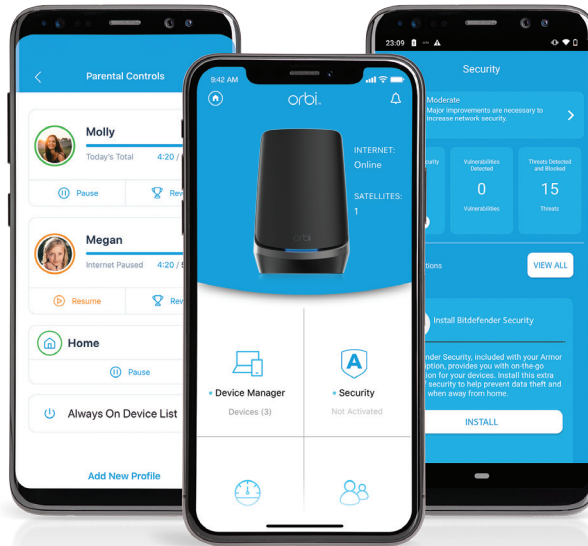
RBKE963B

Orbi App

Use the Orbi app to easily setup, monitor and manage your Orbi WiFi.

NETGEAR Smart Parental Controls™ help you remotely manage your kids' time and content online across their connected devices.

For more information visit www.netgear.com/spc.



NETGEAR Armor™ powered by **Bitdefender®** provides best-in-class anti-virus, anti-malware and data protection for your smart devices, smartphones, and computers.

For more information visit www.netgear.com/armor.





Orbi Router (RBRE960B)

Orbi Satellites (RBSE960B)



Router



10 Gigabit Internet Port
Connects to your modem for up to 10Gbps Internet speeds.

Gigabit Ethernet Ports
2.5 Gigabit Ethernet Port
Super high-speed wired connection up to 2.5Gbps for devices or optional wired Orbi backhaul.



Satellites



2.5 Gigabit Ethernet Port
Gigabit Ethernet Ports
High-speed wired connection up to 1Gbps for streaming players, TVs, game consoles, computers and more.



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RBKE963B

What's In the Box?

- One (1) Orbi WiFi 6E Router (RBRE960B)
- Two (2) Orbi WiFi 6E Satellites (RBSE960B)
- One (1) 2m Ethernet cable
- Three (3) 19V/3.16A power adapters
- Quick start guide

What Do I Need for Orbi to Work?

- High-speed Internet connection to existing modem or gateway

Physical Specifications

- Dimensions: 11 x 7.5 x 3.3 in each
- Weight: 3.0 lb each

Software Features

- Orbi Mobile App

Technical Specifications

- Orbi AXE11000 Router and AXE11000 Satellites (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 — 1024-QAM support³

- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz, 5GHz & 6GHz bands
- Processor — Router & Satellites
 - Powerful quad-core 2.2GHz processor
- Memory – Router
 - 512MB NAND flash and 1GB RAM
- Antenna – Router & Satellites (each)
 - Twelve (12) high-performance internal antennas with high-power amplifiers
- Ports – Orbi 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 – Orbi Satellites (each)
 - One (1) 2.5Gbps Multi-Gigabit Ethernet LAN port (each)
 - Three (3) 10/100/1000Mbps Gigabit Ethernet LAN ports (each)
- Control your WiFi using voice commands when you have Amazon Alexa™ or the Google® Assistant
- Security
 - Advanced cyber threat protection for your home network and connected devices, with comprehensive anti-virus & data theft protection for your PC, Mac®, and mobile devices with NETGEAR Armor™
 - Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
 - Guest WiFi Network is easy to setup separate & secure Internet access for guests
- NETGEAR Smart Parental Controls™ — Easily manage your kids' time online across their connected devices. Learn more at www.netgear.com/spc

This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller. www.netgear.com/warranty

*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.

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

² NETGEAR Smart Parental Controls™ fees apply for a Premium Plan. Visit netgear.com/spc for more information.

³ 6GHz band is limited to indoor usage.

For regulatory compliance information, visit <http://www.NETGEAR.com/about/regulatory>

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

For indoor use only.

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