



WiFi 7 from the Leader in WiFi Innovation

Leverage the power of WiFi 7 for speeds up to 6.5 Gbps at 1.2X faster than WiFi 6. The Nighthawk® RS200 WiFi 7 Dual-band Router provides up to 2,500 sq. ft. WiFi coverage and capacity for up to 80 devices. Experience stunning 4K streaming, video conferencing and reliably connect smart home devices. NETGEAR Armor protects your family's WiFi by creating an automatic shield for all connected devices.††

Key Features

- **WiFi 7 from the Leader in WiFi Innovation**–Nighthawk WiFi 7 is built on 25+ years of pioneering innovation and precision-engineered to NETGEAR's exacting quality standards, so you can enjoy all the benefits WiFi 7 has to offer.
- **Multi-Gig WiFi** –Blazing-fast WiFi 7 speeds up to 6.5 Gbps[†] for gaming, smooth streaming, video conferencing, and entertainment.
- **More Capacity for Data-intensive Activities**–Connect up to 80 devices, like your security cameras, smart home devices, and speakers, while enjoying stunning 4K video streaming, online gaming and video conferencing.
- **Multi-Gig Speeds with 2.5 GbE Internet Port**–Use the 2.5 Gig internet port for cable and fiber plans up to 2.5 Gbps¹. Compatible with any internet service provider.
- **2.5 GbE Wired Port and More**–Plug in wired devices to improve performance via the 2.5 Gbps Ethernet LAN port and three 1 Gbps Ethernet LAN ports.
- **Expansive Coverage**–Ultra-powerful antenna array provides coverage up to 2,500 sq. ft.
- **Nighthawk® App**–Easily set up your router, manage your network from anywhere, pause the Internet on your connected devices, run a quick Internet speed test, track your Internet data usage, set up separate guest networks, and more.
- **Comprehensive Features**–Use 3.0 USB to share files with any connected devices, use the VPN for secure access to your home network remotely, and more.

Technical Specifications

- BE6500 Router Dual-Band WiFi[†]
 - 2.4 GHz (2x2)
 - 5 GHz (4x4)
- MU-MIMO capable for simultaneous data streaming²
- Uplink & Downlink OFDMA³ for improved capacity and efficiency
- Antennas: Four (4) high-performance internal antennas and high-power amplifiers
- Memory–512 MB NAND flash and 2 GB RAM
- Powerful quad-core 2.0 GHz processor
- Ports:
 - One (1) 2.5 Gbps internet port
 - One (1) 2.5 Gbps Ethernet LAN port
 - Three (3) 10/100/1000 Mbps Gigabit Ethernet LAN ports
 - One (1) USB 3.0 port

Services & Security

- NETGEAR Smart Parental Controls™[∞]–Easily manage your kids' exposure and time online across all their connected devices and build healthy habits. Learn more at www.netgear.com/spc
- NETGEAR Armor™ powered by Bitdefender®–Protects your family's WiFi by creating an automatic shield for your connected devices. Real-time protection against hackers getting into devices like laptops, phones, security cameras, & door locks, as well as alerts when sensitive data may be stolen. †† 30-day trial included. Learn more at www.netgear.com/armor
- Standards-based WiFi Security WPA, WPA2, and WPA3 with 128-bit AES encryption
- Auto-firmware update delivers latest security patches to the router automatically
- VPN support–Secured remote access to your home network
- Guest WiFi network makes it easy to set up separate & secure internet access for guests
- Stateful packet inspection (SPI) firewall blocks unintended access from the internet
- Access control prevents rogue devices from connecting to your network

Package Contents

- One (1) WiFi 7 Dual-Band Router (RS200)
- One (1) 2 m Ethernet cable
- One (1) 12V/2.5A power adapter
- Quick start guide

System Requirements

- Broadband internet service (DSL/cable/fiber/satellite)
- One DSL/cable/fiber/satellite modem that has an RJ45 connector
- Android® phones, iPhones®, or computers with Ethernet or WiFi connection

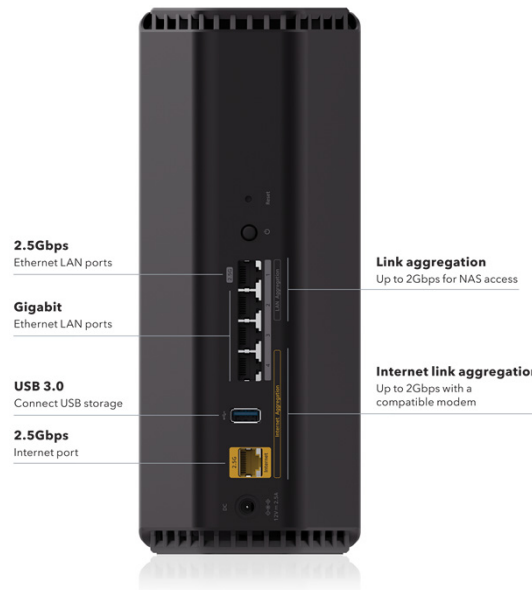
Warranty & Support

- 90-day complimentary technical support following purchase from a NETGEAR authorized reseller. www.netgear.com/warranty
- Visit: www.netgear.com/home/services/prosupport to extend your warranty & technical support [U.S. only]
- Join the NETGEAR Community Forum. Visit <http://community.netgear.com>

Physical Specifications

- Dimensions: 9.8 x 5.9 x 4 in (249 x 150 x 101.6 mm)
- Weight: 1.56 lb (709.5 g)

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 802.11be specifications. Actual data throughput and wireless coverage will vary and be lowered by network, your country's regulation, 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 Gigabit/Multi-Gig service plans & compatible cable modem required for Gigabit or Multi-Gig internet speeds.

² MU-MIMO capability requires both router and client device to support MU-MIMO.

³ Requires compatible clients with DL-OFDMA and UL-OFDMA support.

^{††} NETGEAR Armor is free during the initial 30-day trial. A yearly subscription, after the trial period, protects your connected devices.

[©]NETGEAR Smart Parental Controls™ fees apply for a Premium Plan.

NETGEAR, the NETGEAR Logo, NETGEAR Armor, NETGEAR Smart Parental Controls, and Nighthawk are trademarks of NETGEAR, Inc. Mac, Mac OS, the Mac logo, and iPhone are trademarks of Apple Inc. Any other trademarks mentioned herein are for reference purposes only. ©2024 NETGEAR, Inc.

NETGEAR, Inc. 350 E. Plumeria Drive, San Jose, CA 95134-1911 USA, www.NETGEAR.com/support