

Nighthawk® AX4 4-Stream AX3000

WiFi Router



Upgrade to WiFi 6 for Today's Smart Devices

Built with the latest generation WiFi 6 technology, the NETGEAR® Nighthawk® AX4 4-Stream AX3000 WiFi Router provides speeds up to 3Gbps so you can connect, stream, and download faster to newer mobile devices. Powerful 1.7GHz quad-core processor ensures superior performance for concurrent real-time applications such as multimedia streaming, online gaming, and audio/video chats. WiFi 6 technology is 2.7x the speed of the previous standards and 160MHz channel support allows more devices to connect and stream simultaneously, without impacting speed or reliability. It includes a 1-year subscription of Armor, all-in-one security protection.

Key Features

- **Super-Fast WiFi**—Up to 3Gbps (600Mbps + 2.4Gbps)[†] wireless speeds. The Nighthawk AX4 Router supports WiFi 6 (802.11ax), the latest generation of WiFi technology. Enjoy smoother streaming of 4K UHD content to smart TVs, mobile devices, and gaming consoles.
- **Extended Range**—Up to 2,000 sq. ft. coverage
- **1Gbps Speeds**—Ideal for service plans with up to 1Gbps Internet speeds.
- **WiFi 6 Supports All Current WiFi Devices**—Backwards compatible with WiFi 5 and earlier generation devices.
- **High-Performance Streaming and Gaming**—4-stream WiFi provides superior performance for concurrent real-time gaming and streaming.
- **More Simultaneous Connections**—OFDMA allows efficient data transmission at the same time.^{§§}
- **Powerful Quad-Core 1.7GHz Processor**—Smooth 4K UHD streaming to smart TVs, mobile devices and gaming consoles. Fully offloaded CPU increases overall performance of the network.
- **> 1Gbps Speeds for Mobile Devices**—Gigabit WiFi connectivity. Enjoy blazing-fast connectivity to the newer devices such as Gigabit WiFi mobile devices and laptops.
- **Four 1 Gigabit Ethernet LAN Ports**—Connect more wired devices for faster file transfer and fewer uninterrupted connections.
- **Maximize Range**—Three (3) high-performance external antennas extend wireless range indoors and out.

Technical Specifications

- WiFi 6 (802.11ax) dual band WiFi (AX3000)
 - 2.4GHz AX: 2x2 (Tx/Rx) 1024-QAM 20/40MHz, up to 600Mbps
 - 5GHz AX: 2x2 (Tx/Rx) 1024-QAM 20/40/80/160MHz, up to 2.4Gbps
 - Backwards compatible with 802.11n/ac WiFi
- Quad-core 1.7GHz processor
- Memory—256MB flash and 512MB RAM
- Additional DFS channels reduces interference from neighboring networks
- Five (5) 10/100/1000Mbps Gigabit Ethernet ports: 1 Internet & 4 LAN
- OFDMA^{§§}—Improved capacity and efficiency
- 1024-QAM—25% data efficiency and faster speeds than a 256-QAM router
- 160MHz channel support^{**}—Enjoy greater than 1Gbps WiFi speeds for blazing-fast streaming and downloading to newer mobile devices
- Beamforming+ for additional reliability
- MU-MIMO[±]—Simultaneous streaming of data to multiple devices

Services & Security

- 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
- NETGEAR Smart Parental Controls™[§]—Easily manage your kids' exposure and time online across all their connected devices and build healthy habits wherever they are, with a Premium SPC subscription. 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.¹ Learn more at: www.netgear.com/armor
- Supports WPA3, the latest and cutting-edge WiFi security protocol
- Standards-based WiFi security (802.11i, 128-bit AES encryption with PSK)
- Auto-firmware update delivers latest security patches to the router
- VPN support—Secure access to your home network when away from home
- Guest WiFi network makes it easy to set up separate & secure Internet access for guests

Package Contents

- NETGEAR® Nighthawk® AX4/4-stream AX3000 WiFi 6 Router (RAX36S)
- Ethernet cable
- Quick start guide
- Power adapter

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

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

Physical Specifications

- Dimensions: 9.27 x 7.26 x 2.25 in (236 x 184 x 57 mm)
- Weight: 1.1 lb (500 g)

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 3000Mbps wireless speeds achieved when connecting to other 802.11ax 3000Mbps devices.

** Requires client device that supports 160MHz bandwidth on WiFi.

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

§ NETGEAR Smart Parental Controls™ Premium requires a paid subscription after the 30-day free trial. (No credit card required for the trial).

§§ Requires compatible AX clients with DL-OFDMA and UL-OFDMA support.

‡As compared to an AC1200 2x2 router.

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