Manuals+ — User Manuals Simplified.

NETGEAR RAX15 (AX1800) Wireless Wifi 6 Router Specification and Datasheet

Contents

NETGEAR

NETGEAR RAX15 (AX1800) Wireless Wifi 6 Router

Overview

Enjoy blazing-fast Internet connections on all your devices. The NETGEAR® 4-Stream AX1800 WiFi 6 Router, built with the latest generation WiFi 6 technology, provides speeds up to 1.8Gbps and greater capacity to handle more devices on your network, ensuring that you can enjoy fast speed and reliable streaming.

Quick Specs

Table 1 shows the Quick Specs.

Product Code	RAX15
Dimensions	9.96 x 6.06 x 1.69 in (253 x 154 x 43 mm)
WiFi Technology	802.11ax Dual Band WiFi (AX1800)
WiFi Performance	AX1800 WiFi
WiFi Range	Small to medium homes
WiFi Band	Simultaneous dual-band 2.4 & 5GHz
Number Of Ethernet Ports	Five (5) 10/100/1000 Mpbs Gigabit Ethernet ports (1 WAN & 4 LAN)
Processor	Quad-core processor

Product Details

Netgear RAX15 provides these features and benefits:

- **Cybersecurity for your Home**
  NETGEAR ArmorTM protects your connected home from Internet threats. Armor's multi-layered cybersecurity

is built into your Wi-Fi router to protect your smart devices, smartphones, and computers. NETGEAR Armor includes Bitdefender's® award-winning anti-virus, anti-malware, and data protection for an unlimited number of devices.

- **4-Stream WiFi – Connect, Stream, and Download Faster**
  More WiFi streams mean more available bandwidth and less congestion for all the devices in the WiFi network. The Nighthawk AX4 provides consistent and powerful signal strength to multiple devices at the same time so you can enjoy smooth gaming and 4K UHD video streaming, faster file transfers, and backups.

- **Improved Network Capacity for More WiFi Devices**
  Orthogonal Frequency-Division Multiple Access (OFDMA) enables efficient data scheduling so that more transmissions can be sent at the same time, resulting in an impressive capacity increase in your network. This increased or available bandwidth allows you to add more devices to your network. The AX1800 WiFi 6 Router supports uplink and downlink OFDMA to efficiently use air-time with better frequency reuse, reduced latency, and increased network efficiency. This is extremely useful for latency-sensitive applications such as virtual reality (VR), augmented reality (AR), and Internet of Things (IoT) sensors.

- **Powerful Performance at Core**
  The AX1800 WiFi 6 Router is powered by a quad-core processor designed to transfer gigabits of data with almost zero CPU load. Robust processing power provides the best performance across all wired and wireless interfaces. The quad-core processor ensures superior performance for connecting real-time applications such as multimedia streaming, online gaming, and audio/video chats.

Compare to Similar Items

Table 2 shows the comparison.

Product code	RAX15	RAX20	RAX35	RAX38
WiFi Technology	802.11ax Dual Band WiFi (AX1800)	802.11ax Dual Band WiFi (AX1800)	802.11ax Dual Band WiFi (AX3000)	802.11ax Dual Band WiFi (AX3000)
WiFi Performance	AX1800 WiFi	AX1800 WiFi	AX3000 WiFi	AX3000 WiFi
WiFi Range	Small to medium homes	Small to medium homes	Small to medium homes	Small to medium homes

WiFi Band	Simultaneous dual band 2.4 & 5GHz	Simultaneous dual band 2.4 & 5GHz	Simultaneous dual band 2.4 & 5GHz	\
Beamforming	\	\	Beamforming+ — Boosts speed, reliability and range of WiFi Connections for 2.4 and 5GHz	\
Processor	Quad-core processor	Quad-core processor	Dual-core processor	Dual-core processor
Dimensions	9.96 x 6.06 x 1.69 in (253 x 154 x 43 mm)	9.96 x 6.06 x 1.69 in (253 x 154 x 43 mm)	13.38 x 8.11 x 2.24 in (340 x 206 x 57 mm)	13.38 x 8.11 x 2.24 in (340 x 206 x 57 mm)

Get More Information

Do you have any questions about the RAX15?

Contact us now via Live Chat or **sales@router-switch.com**.

Specification

RAX15 Specification	
WiFi Technology	802.11ax Dual Band WiFi (AX1800)
WiFi Performance	AX1800 WiFi
WiFi Range	Small to medium homes
WiFi Band	Simultaneous dual band 2.4 & 5GHz
Number Of Ethernet Ports	Five (5) 10/100/1000 Mpbs Gigabit Ethernet ports (1 WAN & 4 LAN)
Processor	Quad-core processor
Key Features	• NETGEAR Armor™ – Advanced cyber threat protection for your home and your connected devices • 1.5x Better Performance than an AC Router—4-stream WiFi with up to1.8Gbps for fast wireless speeds. • More WiFi for More Devices—OFDMA allows efficient data transmission at the same time. • Powerful Processor—Quad-Core processor ensures smooth 4K UHD streaming.

Speed	• 1.5X BETTER PERFORMANCE THAN AN AC ROUTER—4 stream WiFi with up to 1.8Gbps for fast wireless speeds • EXTREMELY FAST WIFI—Up to 600+1200Mbps • 4 GIGABIT ETHERNET LAN PORTS—Connect more wired devices for faster file transfer and uninterrupted connections • SUPERSPEED USB 3.0 PORT —Up to 10x faster than USB 2.0
Capacity	• MORE WIFI FOR MORE DEVICES—OFDMA for faster WiFi downloads & upload speeds by transmitting to up to 20 devices at the same time. • WiFi 6 OPTIMIZED POWERFUL PROCESSOR—Quad-core processor ensures smooth 4K UHD streaming – ideal for Gigabit Internet speeds
WiFi Range	• BETTER RANGE—Wireless coverage for small to medium homes • ANTENNAS—Great range with external antennas for best connectivity
Reliability	• POWERFUL PROCESSOR—Quad-core processor ensures smooth 4K UHD streaming • SIMULTANEOUS DUAL BAND WIFI—Reduces interference for better connections to more WiFi devices • MORE WIFI FOR MORE DEVICES—OFDMA§ allows efficient data transmission at the same time
Sharing	• 4-STREAM WIFI—Stream 4K UHD content to more devices at the same time • USB 3.0 PORT—Faster streaming, backup and easy access to your stored media

Ease of Use	• NIGHTHAWK APP—Easily set up your router and get more out of your WiFi. Includes remote access to manage your network away from home • VOICE CONTROLLED BY AMAZON ALEXA & THE GOOGLE ASSISTANT— Control your NETGEAR WiFi network with simple voice commands • SUPPORTS ALL CURRENT WIFI DEVICES—Wi-Fi 6 supports all current WiFi device and is backward compatible with Wi-Fi 5 and earlier generation devices • EASY INSTALL—Easy setup for iPad®, tablets, smartphones & computers
Security	• NETGEAR ArmorTM – Advanced cyber threat protection for your home and your connected device • LATEST SECURITY STANDARD—Supports WPA3 the latest and cutting-edge Wi-Fi security protocol • VPN support—On PC, MAC, & now also with OpenVPN Connect app on iOS & Android, securely access your home network & Internet connection from your mobile device remotely • Guest Network Access—Separate and secure access for guests. • Automatic Firmware Updates—Delivers latest security patches to the router.
Physical Specifications	Dimensions: 9.96 x 6.06 x 1.69 in (253 x 154 x 43 mm) Weight: 1.23lbs (558.4g)
Package Contents	• 4-Stream AX1800 WiFi 6 Router (RAX15) • Ethernet cable • Quick start guide • Power adapter, localized to country of sale
Standards	• 2.4GHz: 600Mbps, 40/20 MHz 1024/256-QAM • 5GHz: 1200Mbps, 80/40/20 MHz 1024-QAM • Five (5) 10/100/1000Mbps—(1 WAN & 4 LAN) Gigabit Ethernet ports
System Requirements	• Microsoft® Windows 7, 8, 10, Vista®, XP®, 2000, Mac OS®, UNIX®, or Linux® • Microsoft® Internet Explorer® 11 or higher, Microsoft Edge, Google Chrome™ 55 or higher, Firefox® 45 or higher, Safari® 10 or higher

Want to Buy

- Order Now
- Get a Quote

Why Router-switch.com

As a leading network hardware supplier, **Router-switch.com** focuses on original new ICT equipment of Cisco, Huawei, HPE, Dell, Hikvision, Juniper, Fortinet, etc.

200+	18,000+	$20,000,000	50%-98%	100%
Countries we Sold	Customers Trusted	Inventory Available	Off Global List Price	Safe Online Shopping

Contact Us

- **Tel:** +1-626-655-0998 (USA) +852-3050-1066 / +852-3174-6166
- **Fax:** +852-3050-1066 (Hong Kong)
- **Email: sales@router-switch.com**

FREQUENTLY ASKED QUESTIONS

What is the NETGEAR RAX15 (AX1800) Wireless Wifi 6 Router?

The NETGEAR RAX15 is a wireless router that supports the latest Wi-Fi 6 (802.11ax) technology, providing fast and reliable wireless connectivity.

What are the main features of the NETGEAR RAX15 router?

The main features of the NETGEAR RAX15 include Wi-Fi 6 support, AX1800 speeds, simultaneous dual-band operation, advanced security features, and backward compatibility with previous Wi-Fi standards.

What is the maximum theoretical Wi-Fi speed supported by the NETGEAR RAX15?

The NETGEAR RAX15 supports Wi-Fi speeds of up to 1800 Mbps, with 1200 Mbps on the 5 GHz band and 600 Mbps on the 2.4 GHz band.

What is Wi-Fi 6 (802.11ax)?

Wi-Fi 6, also known as 802.11ax, is the latest generation of Wi-Fi technology that offers faster speeds, increased capacity, and improved performance in crowded environments compared to previous Wi-Fi standards.

Can I connect multiple devices to the NETGEAR RAX15 at the same time?

Yes, the NETGEAR RAX15 supports MU-MIMO (Multi-User Multiple-Input Multiple-Output) technology, allowing multiple devices to connect and communicate simultaneously for improved network efficiency.

Does the NETGEAR RAX15 have Ethernet ports for wired connections?

Yes, the NETGEAR RAX15 has four Gigabit Ethernet ports, enabling you to connect wired devices such as computers, gaming consoles, or smart TVs for fast and stable connections.

Does the NETGEAR RAX15 support USB ports for file sharing?

No, the NETGEAR RAX15 does not have built-in USB ports for file sharing or connecting external storage devices.

Can I set up a guest network with the NETGEAR RAX15?

Yes, the NETGEAR RAX15 allows you to create a guest network, providing internet access to visitors while keeping your main network secure.

Does the NETGEAR RAX15 support beamforming technology?

Yes, the NETGEAR RAX15 supports beamforming technology, which helps to improve the range and stability of the Wi-Fi signal by focusing it toward connected devices.

Is the NETGEAR RAX15 compatible with older Wi-Fi standards?

Yes, the NETGEAR RAX15 is backward compatible with previous Wi-Fi standards (802.11a/b/g/n/ac), allowing older devices to connect to the network.

Can I set up parental controls with the NETGEAR RAX15?

Yes, the NETGEAR RAX15 offers parental control features, allowing you to filter content, set time limits, and monitor internet usage for specific devices or users.

Does the NETGEAR RAX15 support IPv6?

Yes, the NETGEAR RAX15 supports IPv6, the latest version of the Internet Protocol.

Can I prioritize certain devices or applications with the NETGEAR RAX15?

Yes, the NETGEAR RAX15 supports Quality of Service (QoS) functionality, allowing you to prioritize specific devices or applications for better network performance.

Does the NETGEAR RAX15 have a built-in firewall for security?

Yes, the NETGEAR RAX15 has a built-in firewall to provide security and protect your network from unauthorized access.

Can I set up remote access to my network with the NETGEAR RAX15?

Yes, the NETGEAR RAX15 supports remote management, allowing you to access and configure your router settings from anywhere using the NETGEAR mobile app or web interface.

VIDEO – PRODUCT OVERVIEW

DOWNLOAD THE PDF LINK: [NETGEAR RAX15 (AX1500) Wireless WiFi 6 Router Specification and Datasheet](https://manuals.plus/m/contents/uploads/2023/07/NETGEAR-RAX15-AX1500-Wireless-Wifi-6-Router-Specification-and-Datasheet.mp4)