NIGHTHAWK®

Ultimate 4K Streaming & VR Gaming

Nighthawk® X10 AD7200 Smart WiFi Router is industry's fastest router for media streaming with Plex media server. Nighthawk® X10 with 802.11ac and 802.11ad WiFi technology delivers ultra-smooth 4K streaming, VR gaming and instant downloads. With a powerful 1.7GHz quad core processor and Quad-Stream architecture, you can enjoy combined wireless speeds of up to 7.2Gbps*. MU-MIMO supports simultaneous streaming, while 160MHz doubles WiFi speeds to mobile devices. Four patent pending external active antennas amplify WiFi signals to maximize range and throughput.

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GAMING | FOR THE WIN

You need the best when you're taking on the online gaming world. The Nighthawk® X10 is the pro gaming choice and the latest in speed and performance. With a powerful 1.7GHz quad core processor and Quad-Stream architecture, you can enjoy combined wireless speeds of up to 7.2Gbps*. Nighthawk® X10 ends game-lag and multiplies the intensity of immersive, uninterrupted, online gaming while Dynamic QoS prioritizes Internet traffic by application & device.

STREAMING | ULTIMATE HD

Nighthawk X10 multiplies the entertainment factor for everyone in your home. Seamless, simultaneous streaming for multiple devices is now a reality thanks to features like Smart Connect and Beamforming+—it's the end of buffering, jittery video, and lag as you know it. Dynamic QoS prioritizes your WiFi bandwidth by application, such as Netflix as well as by device for smoother streaming. A built-in DLNA-ready server and iTunes server add to your media enjoyment, allowing you to play and share your videos and music quickly and easily. And to keep your media both safe and instantly accessible, you can use the free ReadySHARE Vault app for automatic, continuous backup of all your home PCs wirelessly, to the USB hard drive connected to the router super-speed USB 3.0 port.

MOBILE | FASTER & FARTHER

Nighthawk X10 AD7200 Smart WiFi Router provides more WiFi for more devices while Dynamic QoS bandwidth prioritization optimizes your Internet speed for gaming and streaming. That means more range and reliability for your mobile devices. Nighthawk X10 offers key features to dramatically boost mobile connectivity and performance. High-performance active antennas help extend WiFi coverage throughout large homes & even backyards, while Beamforming+ focuses WiFi signals for stronger more reliable connections.

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Speed

Get the fastest combined WiFi currently available & enjoy a blazing-fast, lag-free WiFi experience for VR gaming, video streaming or surfing.

60GHZ 802.11AD–Fastest WiFi interface for instant downloads and backup

AD7200 WIFI–Up to 4600+1733+800Mbps† Wireless speed

QUAD STREAM–Up to four data streams per WiFi band maximizes connection speed

MU-MIMO–Go faster by simultaneously streaming to multiple devices

GIGABIT WIRED–Six Gigabit Ethernet LAN ports with the ability to aggregate two ports for faster file transfers

LINK AGGREGATION–Ability to aggregate two Gigabit LAN ports for faster file transfers

10G LAN SFP+ port for fast NAS access

WiFi Range

Got range? Homes come in all shapes and sizes and Nighthawk® X10 Smart WiFi Router's 4 external active antennas provide WiFi coverage no matter where you connect in your home.

ULTIMATE RANGE–WiFi coverage throughout very large homes

Four Enhanced Active Antennas–Enhances weak signal and reduces interference using a patent pending design

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Sharing

With NETGEAR, sharing across your network is fun and easy, anything from accessing stored photos & music to wireless printing. And make sure you keep it safe by using ReadyCLOUD USB access application for backing up Windows-based PCs.

DLNA®–Find & play your media on DLNA TVs & game consoles

READYSHARE® USB ACCESS–Wirelessly access & share USB hard drive & printer via two (2) USB ports

TWO SUPERSPEED USB 3.0 PORTS–Up to 10x faster than USB 2.0

READYCLOUD® USB ACCESS–Enjoy personal & secure cloud access to USB storage anytime, anywhere

READYSHARE PRINTER–Wirelessly access & share a USB printer

READYSHARE® VAULT–Free software for automatic PC backup to a USB hard drive connected to the router

PLEX MEDIA SERVER–All your movie, TV show, music, and photo collections, on the devices you love

AMAZON DRIVE BACKUP–Automatically and securely back up your important data to Amazon Drive

Reliable Connections

There's nothing more frustrating than lost connections! With NETGEAR's advanced features & best-in-class technology, you'll reduce interference & enjoy more reliable WiFi connectivity.

BEAMFORMING+–Boosts speed, reliability, & range of WiFi connections for 2.4 & 5GHz bands

DYNAMIC QoS–Dynamic QoS automatically recognizes & prioritizes streaming & gaming applications

Ease Of Use

Start enjoying your new device faster than ever. NETGEAR wants to make sure installation and management is simple & easy, so you can connect quickly & make sure you stay that way!

EASY INSTALL–Easy setup for iPad®, tablets, smartphones & computers

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–Control your NETGEAR WiFi network with simple voice commands

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Security

Maintain high security across your network to ensure your privacy & family is safe while online. Whether it's preventing phishing & spyware or just limiting access for kids & guests, NETGEAR has you covered.

VPN SUPPORT–OpenVPN Connect app on iOS and Android® allows remote secure access to the home network

SECURE WIFI CONNECTIONS–Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)

Enhanced Parental Controls–Manage website access by family member and device

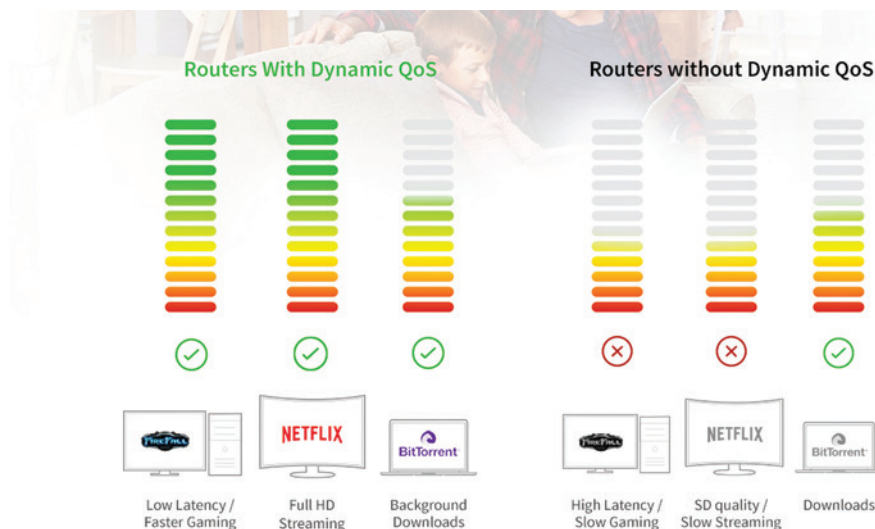**GUEST NETWORK**–Separate and secure network for your guests

AUTOMATIC FIRMWARE UPDATE–Delivers latest security patches to the router

PERSONAL FTP SERVER–Customized free URL to create FTP server

Dynamic Quality Of Service

If you like gaming and streaming videos, then you'll benefit from Dynamic Quality of Service (QoS). Dynamic QoS resolves Internet traffic congestion when you have competing Internet demands at home. Dynamic QoS identifies your online activities by application and device, and then utilizes bandwidth allocation, and traffic prioritization techniques, to automatically allocate more bandwidth to latency sensitive applications like online gaming and video streaming, while ensuring that lower priority applications continue to work.

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The Fastest WiFi Just Got Faster

Speeds of up to 4.6 Gbps–that's 3 times faster than 802.11ac. It's the fastest Nighthawk® yet.

Fastest Wireless for Media Transfers and Backup

Don't wait to watch! Ultra-smooth 4K streaming, VR gaming, instant downloads and backup.

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Industry's First Home Router with Plex Media Server

Plex. All your movie, TV show, music, video, and photo collections at your fingertips. Anywhere, anytime. Serve all your media with Plex Media Server on your Nighthawk® X10, without need for a computer.

Powerful Quad-Core 1.7GHz Processor

Wired or wireless, the 1.7GHz Quad-Core processor boosts your network performance up to 7.2Gbps[†].

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Nighthawk® App

The NETGEAR Nighthawk® App makes it easy to set up your router and get more out of your WiFi, WIth the app, you can install your router in a few steps—just connect your mobile device to the router network and the app will walk you through the rest. Once set up, you can use the intuitive dashboard to pause the Internet on your connected devices, run a quick Internet speed test, setup smart parental controls and much more.

- Smart Parental Controls—Easily manage content & time online with Circle® with Disney

- Remote Management—Easily monitor your home network anytime, anywhere

- Internet Speed Test—Check the broadband speeds from your service provider

- Pause Internet—Pause the Internet to any device

- Traffic Meter—Track Internet data usage

- Guest Networks—Setup separate WiFi access for guests

- Quick Setup—Get connected in just minutes

Beamforming+—For More Reliable Connections

Unlike typical WiFi routers that just blast the WiFi signals in all directions, with Beamforming+ the router & device communicate with each other, so the router can directly beam the WiFi signal to the device. The result is a stronger, faster, more reliable connection that is locked in even when the device is moved around the home.

- Focuses WiFi signals from the wireless router to WiFi devices like smartphones, tablets & laptops

- Automatic signal management checks with your device to keep WiFi signal at its optimal strength

- Designed for home environments to support multiple WiFi device connections for highest quality

- Extends WiFi coverage, reduces deadpots, & boosts signal strength

- Implicit & Explicit Beamforming boosts speed, reliability & range for both 2.4 & 5GHz WiFi devices

BEAMFORMING+

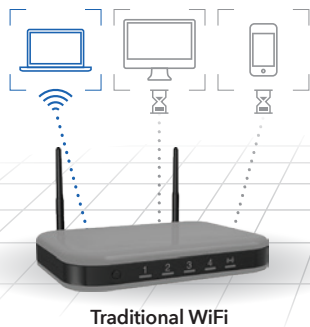For more reliable connections.

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Multi-User MIMO (MU-MIMO)

Traditional WiFi routers can stream data to only one device in the home at a time. When multiple devices are connected to the router, each device needs to take its turn, and then wait before receiving more data. This can lead to slower network and Internet speeds. Using Multi-User MIMO technology, NETGEAR routers can stream data to multiple devices simultaneously. With MU-MIMO, your WiFi network can deliver faster throughput to every MU-MIMO connected device. That means faster downloads and smoother streaming for your devices.

Enjoy simultaneous streaming with MU-MIMO
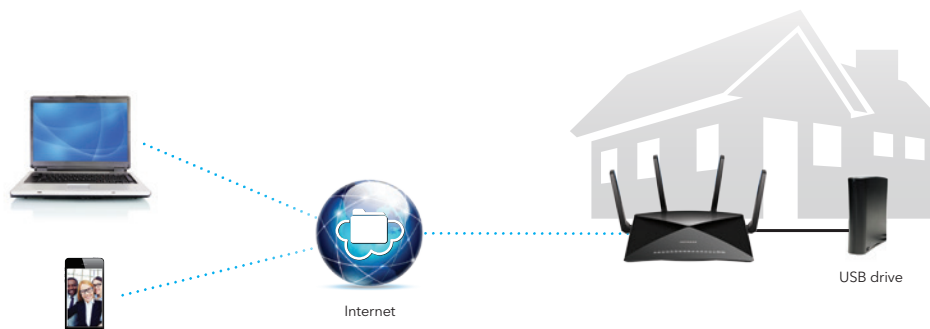
Data sent to one device at a time

Data sent to multiple devices simultaneously

Traditional WiFi

MU-MIMO WiFi

ReadyCLOUD® USB Access–Access Your Files Wherever, Whenever

Access and share your files via secure, personal cloud storage with NETGEAR ReadyCLOUD® USB Access. Once you've connected your USB drive to your NETGEAR Nighthawk® X10 and uploaded all your favorite files, you can enjoy the convenience and accessibility anytime & anywhere you have an Internet connection. No fees, storage limitations, or privacy concerns of cloud storage services. Using the ReadyCLOUD mobile app or web portal, you'll now have anytime, anywhere access to your USB drive at home… it's that easy!

- Setup your and access ReadyCLOUD via the web portal http://readycloud.netgear.com/

- Download mobile app for Android https://play.google.com/store/apps/details?id=com.netgear.readycloud&hl=en

- Download mobile app for iOS https://itunes.apple.com/us/app/readycloud/id700730254?mt=8

USB drive

Internet

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Connection Diagram

Four Enhanced Active Antennas—Enhances weak signal and reduces interference using a patent pending design

Link Aggregation—Ability to aggregate two Gigabit LAN ports for faster file transfers

Power On/Off

Nighthawk® App—Easily set up, update, and configure your router with this app

PLEX

Plex Media Server—All your movie, TV show, music, and photo collections. Anywhere you go, on the devices you love. Enjoy premium features with Plex Pass, free for 3 months.

Amazon Drive Cloud Back Up—Automatically backup your precious data on cloud. Enjoy 6 months free unlimited storage

60GHz 802.11ad WiFi—Fastest WiFi interface for instant downloads and backup

LED On/Off

Six Gigabit Ethernet LAN Ports to connect more wired devices

High-speed Internet

10G LAN SFP+ port for fast Network Attached Storage Access

Two USB 3.0 Ports for faster file transfer

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Package Contents

- Nighthawk® X10 AD7200 Smart WiFi Router (R9000)
- Ethernet cable, Quick Start Guide, power adapter

Physical Specifications

- Dimensions: 8.81 x 6.61 x 2.91 in (224 x 168 x 74 mm)
- Weight: 4.11lb (1865g)

Technical Specifications

- AD7200 WiFi
  - Band 1: 800Mbps @2.4GHz – 256QAM
  - Band 2: 1733Mbps @5GHz – 256QAM
  - Band 3: 4600Mbps @60GHz – SC
- Powerful Quad-Core 1.7GHz processor
- Memory: 512MB NAND Flash and 1GB DDR3 SDRAM
- Enhanced Active Antennas with high powered amplifiers
- Explicit Beamforming for 2.4 & 5GHz bands
- Seven (7) 10/100/1000Mbps Gigabit Ethernet ports
  - 1 WAN & 6 LAN
  - Dual Gigabit Ethernet Port Aggregation
- 10G LAN SFP+ port connection for Network Attached Storage (NAS) or 10G Internet connectivity
- Two (2) USB 3.0 ports
- IPv6 Support (Internet Protocol Version 6)

Key Features

- Media Streaming & Storage
- Quad-Stream Wave2 WiFi
- Amazon Drive Cloud Back Up
- Plex Media Server–stream your media on all your devices
- MU-MIMO–Simultaneous streaming of data for up to three devices
- Dynamic QoS–Prioritizes bandwidth by application and device
- Automatic firmware update delivers latest security patches to the router
- ReadyCLOUD® USB Access–Personal & secure cloud access to USB storage anytime, anywhere
- ReadySHARE® Vault–PC software for automatic backup to USB hard drive connected to the router
- DLNA® server to find & play your media on TVs & game consoles
- VPN support–Secure remote access to your home network & Internet using PC, MAC® computers, and mobile devices
- Enhanced Parental Controls to manage web filtering & accessibility by profiles or devices
- Nighthawk® App–Easily set up your router and get the most out of your WiFi
- Additional DFS channels (15 more channels) in 5GHz for interference free gaming experience
- Alexa Voice Control–Use Amazon Alexa and the NETGEAR Skill to control your network with simple voice commands

Support

- 90-day complimentary technical support following purchase from a NETGEAR authorized reseller
- Join the NETGEAR Community Forum. Visit http://community.netgear.com

System Requirements

- Microsoft® Windows 7, 8, 10, Vista®, XP®, 2000, Mac OS®, UNIX®, or Linux®
- Microsoft® Internet Explorer® 5.0, Firefox® 2.0, Safari® 1.4, or Google Chrome™ 11.0 browsers or higher

Security

- Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
- Automatic firmware update delivers latest security patches to the router
- Double firewall protection (SPI and NAT)
- Denial-of-service (DoS) attack prevention
- VPN Support–Secure access to your home network away from home

Warranty

- www.netgear.com/warranty/
- Extend your warranty & technical support within 90 days of product purchase [US only]. Visit: prosupport.netgear.com/home

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