

XR700 Nighthawk® Pro Gaming Router



Advanced Gaming & Streaming

XR700 Nighthawk® Pro Gaming WiFi Router uses state-of-the-art software to optimize your internet connection by stabilizing ping, reducing lag spikes, and keeping you in the game with reliable

wired and wireless connectivity for fast-paced gaming. Personalize your gaming dashboard to view real-time bandwidth utilization by device, ping and many other parameters. Limit lag and get a

guaranteed local connection with Geo Filter or enable Quality of Service to ensure gaming traffic is always prioritized and gets maximum bandwidth.

XR700 Nighthawk® Pro Gaming Router

Guarantee Local Game Hosts

Geo-Filter lets you fix your gaming lag by limiting distance to servers or other players. You can get a guaranteed local connection and create a blacklist or whitelist of your preferred servers.



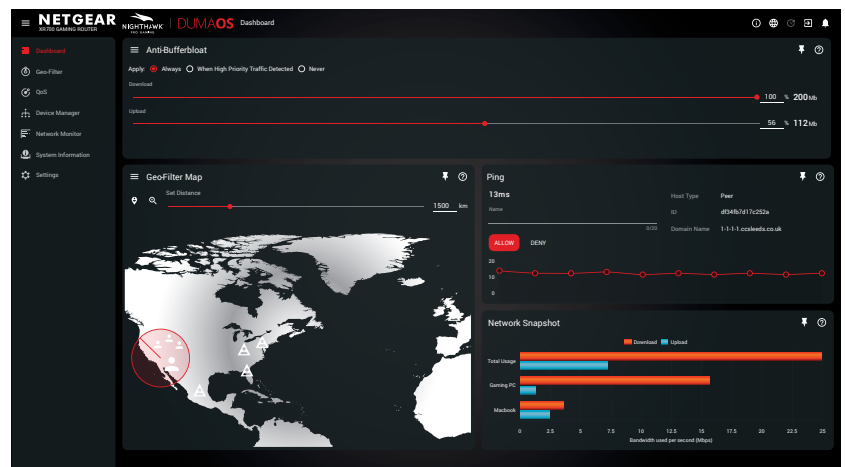
Best-in-Class Quality of Service (QoS)

Prioritize gaming devices and allocate bandwidth by device to eliminate lag due to queuing at the ISP network with Quality of Service (QoS). Control the maximum upload and download speeds per device on the network to minimize sudden lag spikes while gaming.



Interactive and Intuitive Dashboard

View real-time bandwidth utilization by device, ping and your favorite features.



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Speed

Get blazing fast WiFi and high-speed Gigabit Ethernet ports for all your gaming needs.



60GHz 802.11ad Wi-Fi—Ultra-fast Wi-Fi technology for instant downloads and backup



AD7200 Quad Stream Wave2 Wi-Fi—Up to 4600 (60GHz)+1733 (5GHz)+800 (2.4GHz) Mbps[†] wireless speed



MU-MIMO—Multi-user MIMO enables simultaneous streaming to mobile devices



QUAD-CORE PROCESSOR—1.7GHz processor boosts wireless, wired & WAN-to-LAN performance



10 Gigabit SFP+ PORT—Connect to NETGEAR SX10 gaming switch for lower latency wired gaming, or use for up to 10Gig Internet connectivity. Requires compatible SFP+ module or DAC (not included)



GIGABIT WIRED—Ideal for HD gaming & streaming



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

Pro Gaming

Stay in the game with reliable connectivity for fast-paced gaming. Optimize your Internet connection by stabilizing ping and reducing lag spikes.



GAMING DASHBOARD—View real-time bandwidth utilization by device, ping and many other parameters



GEO-FILTER—Control your lag by limiting distance to game servers or other players



QUALITY OF SERVICE—Prioritize gaming devices and allocate bandwidth by device



NETWORK MONITOR—Check bandwidth-hogging devices and identify what causes lag



SEVEN GIGABIT ETHERNET PORTS—Aggregate two ports for faster file transfer - gaming

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WiFi Range

Got range? Homes come in all shapes and sizes and the XR700 Nighthawk® Pro Gaming Router provides WiFi coverage for ultimate coverage.



ULTIMATE RANGE—WiFi coverage throughout very large homes



FOUR ENHANCED ACTIVE ANTENNAS—Enhance weak signal and reduce interference with a patent pending design



QUAD STREAM—Improve range for mobile devices with more antennas

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 the included ReadySHARE Vault application for backing up Windows-based PCs.



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



TWO USB 3.0 PORTS—Faster streaming, backup and easy access to your stored media



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 CLOUD BACKUP—Automatically backup your precious data on cloud

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+—Improve range and performance for both 2.4 and 5GHz devices



SIMULTANEOUS DUAL BAND WIFI—Supports two WiFi bands simultaneously to double the available bandwidth and provide a reliable, dedicated WiFi network for smooth online gaming without any network congestion



ADDITIONAL DFS CHANNELS—15 more channels in 5GHz for interference free gaming experience



SMART ROAMING—One WiFi name with any WiFi router or gateway

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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!



PUSH 'N' CONNECT—Easy push button WiFi connections (WPS)



POWER ON/OFF—Convenient power savings



LED ON/OFF SWITCH—Easily turn LEDs on or off

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

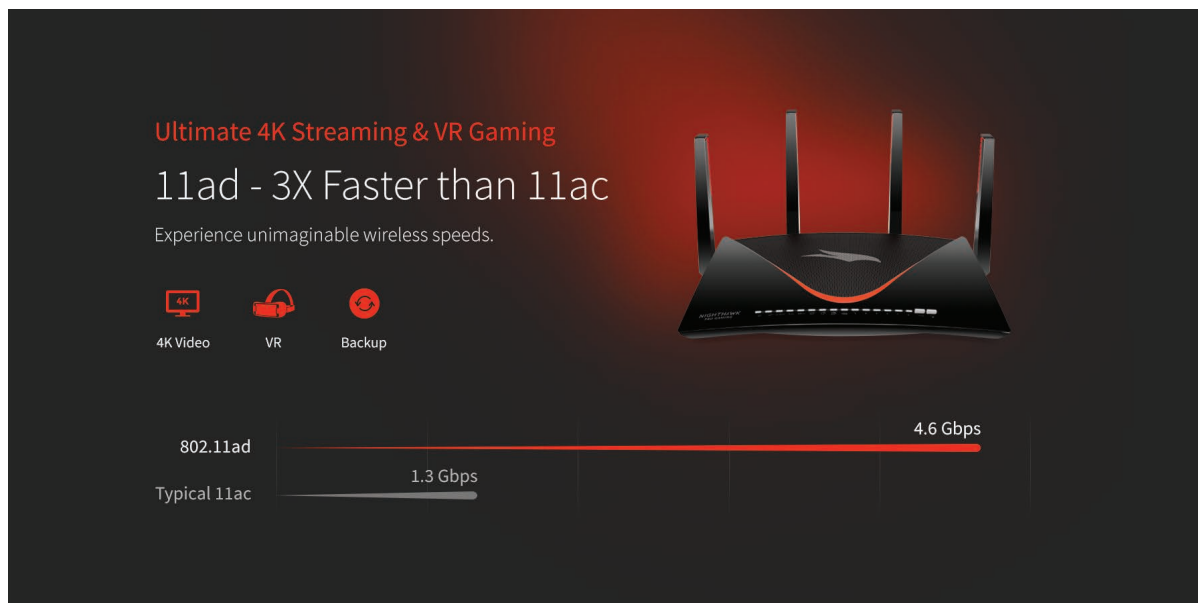


SECURE WIFI CONNECTIONS—Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)

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Nighthawk Soars Ahead with the Latest 802.11ad Wireless Technology

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

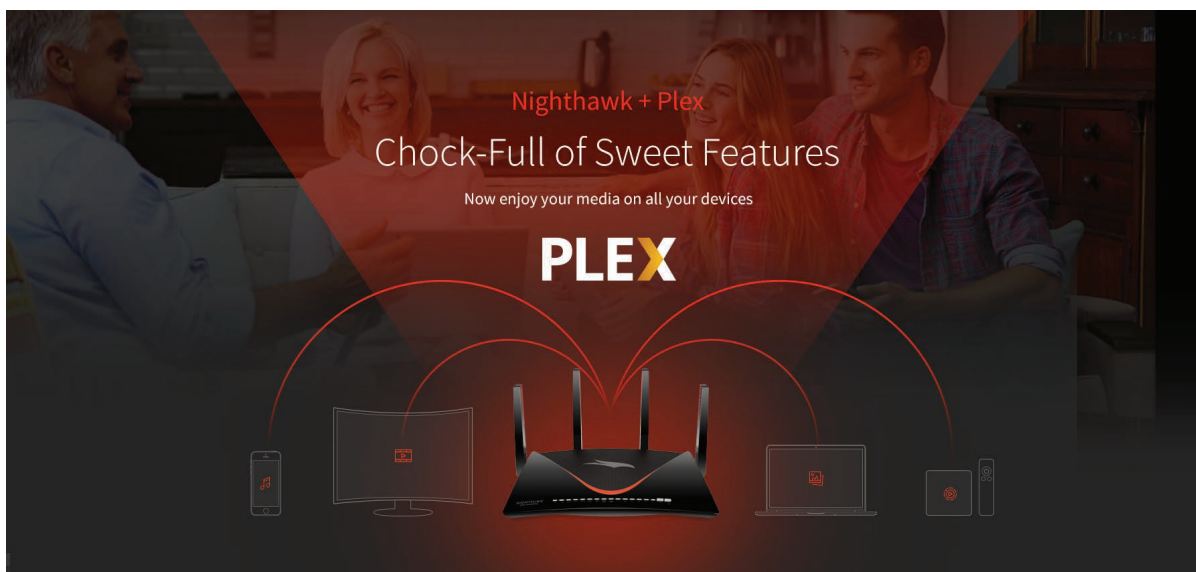
Don't wait to watch! Ultra-smooth 4K streaming, VR gaming, instant downloads and backup.



XR700 Nighthawk® Pro Gaming Router

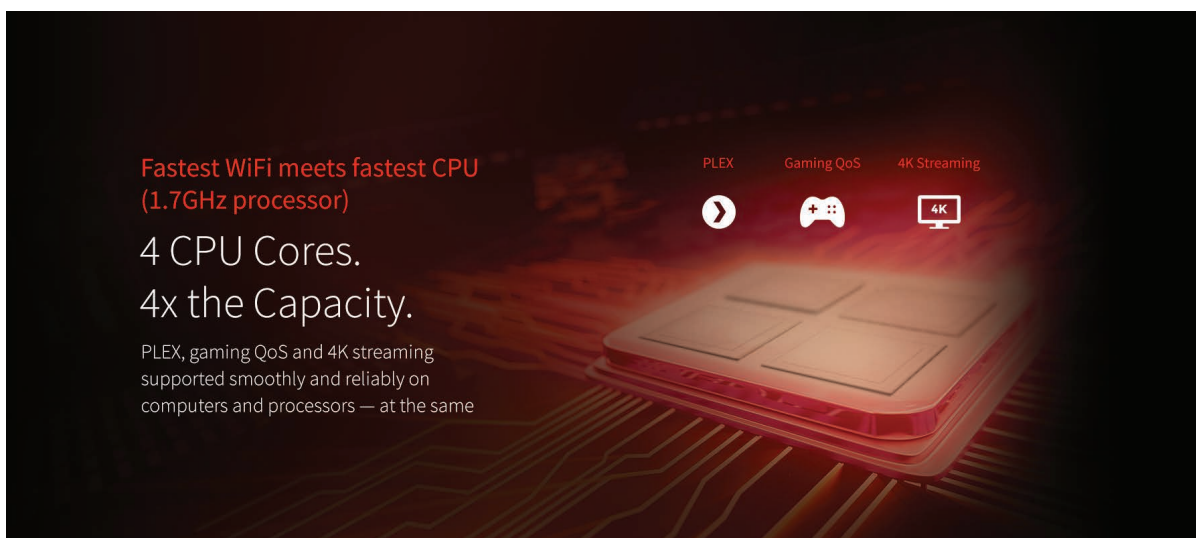
Industry's First Gaming Router with Plex Media Server

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 XR700 Nighthawk® Pro Gaming WiFi Router, 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*.



XR700 Nighthawk® Pro Gaming Router

Enhanced Active Antennas

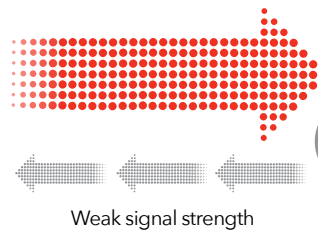
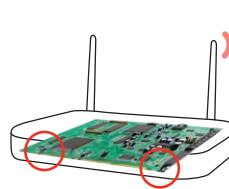
Each new generation of routers grows more powerful than the last, delivering stronger WiFi signals with greater range. At the same time, the WiFi signals on mobile devices are not getting more powerful. This difference in WiFi performance – a strong WiFi signal from the router and weaker ones from mobile devices – reduces overall WiFi range and speed.

To meet this challenge, NETGEAR developed the industry's first Active Antennas technology. NETGEAR moved the WiFi amplifiers from their usual location, on the router's motherboard, up to the top of the antennas.

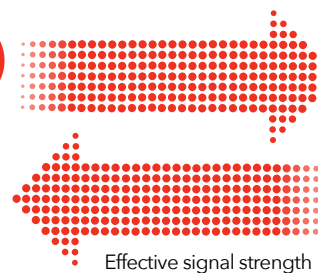
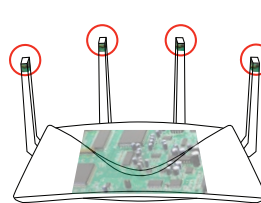
Active antennas help improve WiFi performance by amplifying signals in the antenna itself. Thereby avoiding any signal loss during transmission between antenna

and router board, as well as avoiding any noise insertion from the router board components. This provides cleaner and stronger receive signals for amplification from your mobile devices.

In the XR700, enhanced Active antennas also amplify the signals as they are sent to the devices thereby increasing overall range and throughput.



Traditional WiFi router has harder time receiving weaker mobile device signals.



XR700 Nighthawk® Pro Gaming WiFi Router Active antennas compensate for weaker mobile device signals and effectively improve signal strength.

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Multi-User MIMO (MU-MIMO)

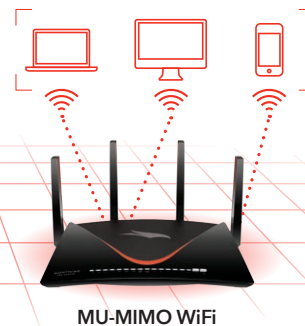
Traditional WiFi routers can stream data to only one device in the home at a time. When multiple devices are connected to the router, each device needs to take its turn, and then wait before receiving more data. This can lead to slower network and Internet speeds. Using Multi-User MIMO technology, NETGEAR 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



The 10G Setup You've Been Waiting For

Now a router that you can use to create a perfect 10G gaming setup. Speed up the link between your router and gaming PC by running at up to 10 times faster while playing online. Go ahead and stream your gameplay in 4K on Twitch as you always wanted to. Paired with the Nighthawk Pro Gaming SX10 Multi-Gig Ethernet Switch, you'll have a 10G-capable network for all your gaming and streaming traffic. (Requires compatible SFP+ module such as AXM765 to convert SFP+ into 10GBase-T or DAC (not included)).

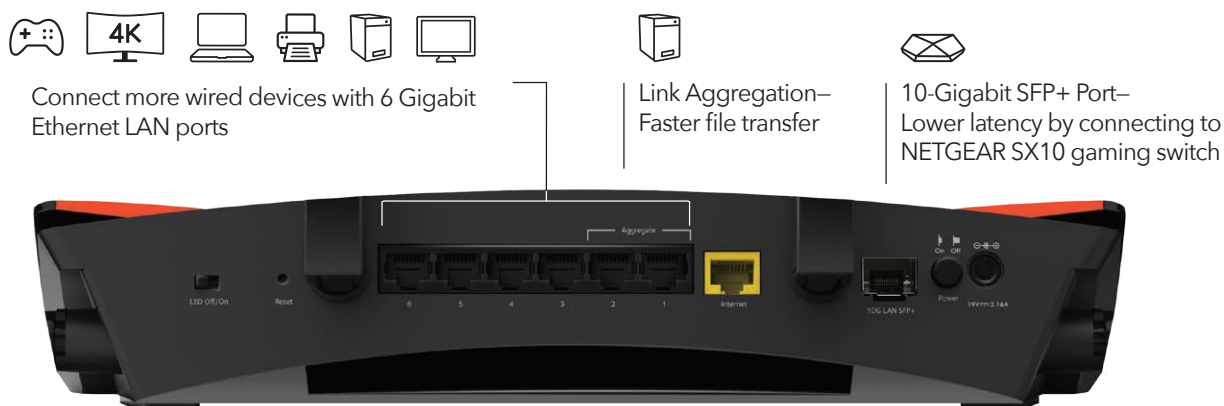
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ReadySHARE® Vault–Automatic backup for Window PCs

ReadySHARE Vault is a free app that provides automatic, continuous backup of Windows PCs to the USB hard drive connected to the XR700 Nighthawk® Pro Gaming WiFi Router. The app has a wonderfully simple interface with intuitive backup settings—simply setup and forget and be assured that all your data on various home PCs in the home network is being continuously backed up. Never worry about losing your data again. Easy single click setup to back up the Window PCs on the home network.

- Automatic, continuous incremental backup of all the changes
- Easily restore deleted files by going back to older snapshots
- Safeguard all your precious data, photos, videos

Connection Diagram



XR700 Nighthawk® Pro Gaming Router

Package Contents

- XR700 Nighthawk Pro Gaming Router (XR700)
- Ethernet cable
- Quick start guide
- Power adapter

Physical Specifications

- Dimensions: 12.7 x 9.6 x 2.5 in (321.9 x 243.7 x 64.5 mm)
- Weight: 4.11lb (1865g)

Standards

- Two (2) USB 3.0 ports
- IEEE® 802.11 b/g/n 2.4GHz + 256 QAM support
- IEEE® 802.11 a/n/ac 5.0GHz
- Seven (7) 10/100/1000Mbps—(1 WAN & 6 LAN) Gigabit Ethernet ports

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 low-latency LAN gaming parties
- Two (2) USB 3.0 ports
- IPv6 Support (Internet Protocol Version 6)
- On/Off LED light switch

Key Features

- Gaming Dashboard—Customizable view of real-time bandwidth utilization by device, ping, etc.
- Geo-Filter—Control your lag by limiting distance to game servers or other players
- Network Monitor—Check bandwidth-hogging devices and identify what causes lag
- Quad Stream & 160MHz for faster speeds
- Quality of Service—Prioritize gaming devices and allocate bandwidth by device
- Beamforming+ for more reliable connections
- ReadySHARE® USB to share your USB hard drive & printer
- ReadySHARE® Vault—PC software for automatic backup to USB hard drive connected to the router
- 10 Gigabit SFP+ Port—Connect to NETGEAR SX10 gaming switch for lower latency wired gaming, or use for up to 10Gig Internet connectivity. Requires compatible SFP+ module or DAC (not included)
- Plex Media Server—All your movie, TV show, music, video, and photo collections at your fingertips. Anywhere you go, on the devices you love
- Nighthawk App—The Nighthawk App makes it easy to set up your router and get more out of your WiFi
- Amazon Cloud Backup
- MU-MIMO—Simultaneous streaming of data for up to three devices

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

Security

- VPN support—secure remote access
- Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
- Double firewall protection (SPI and NAT)
- Denial-of-service (DoS) attack prevention

Support

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

Warranty

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

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 802.11 specifications. Actual data throughput and wireless coverage will vary and may be lowered by network and environmental conditions, including network traffic volume and building construction. NETGEAR makes no representations or warranties about this product's compatibility with future standards.

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

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