



Advanced Gaming & Streaming

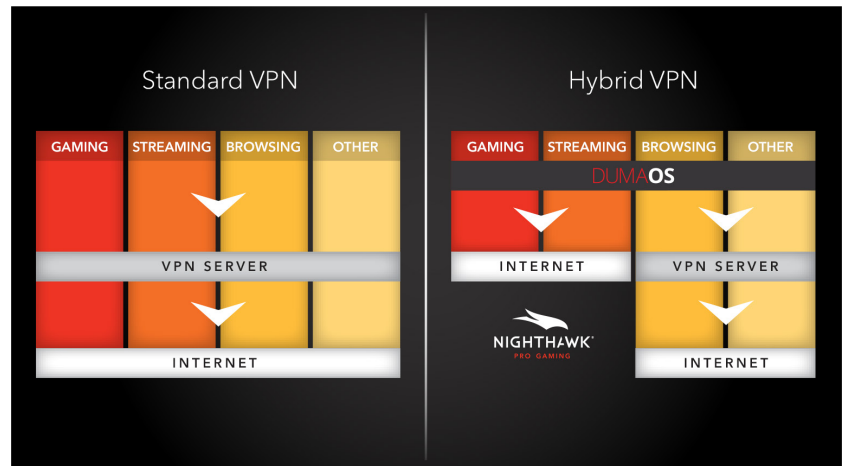
XR700 Nighthawk[®] Pro Gaming WiFi Router uses state-of-the-art software to optimize your internet connection by stabilizing ping, reducing lag spikes, and keeping you in the game with reliable

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.

Hybrid VPN

Select which traffic to protect for privacy and which to pass through directly to avoid any lag or data charges with this flexible VPN client.



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 list of your preferred servers.



XR700 Nighthawk® Pro Gaming Router

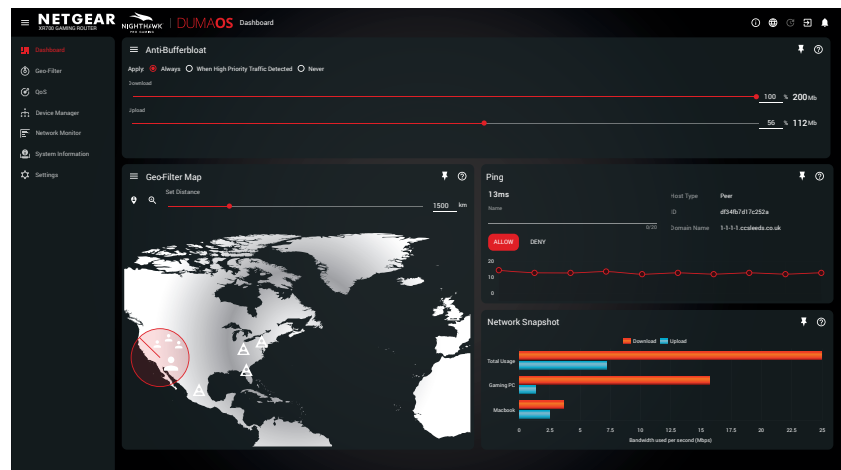
Best-in-class Quality of Service (QoS)

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.



XR700 Nighthawk[®] Pro Gaming Router

Speed

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



60GHZ 802.11AD WIFI—Ultra-fast WiFi technology for instant downloads and backup



AD7200 QUAD STREAM WAVE2 WIFI—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 WAN/LAN PORT WITH SFP+—Up to 10 Gigabit Internet speeds & lower latency gaming



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 Internet & bandwidth usage, network map, & easily personalize settings for your gaming needs



GEO-FILTER—Get the best connection for your game with guaranteed nearby servers & players



BANDWIDTH PRIORITIZATION—QoS engine with bandwidth reservation allows you to allocate bandwidth by device to eliminate congestion



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



GIGABIT ETHERNET TO WIFI—Gigabit Ethernet to WiFi-7 ports (1 WAN & 6 LAN)

XR700 Nighthawk[®] Pro Gaming Router

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, such as accessing stored photos & music.



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



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



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

XR700 Nighthawk[®] Pro Gaming Router

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



NIGHTHAWK[®] APP—Easily set up your router and get more out of your WiFi. Includes access from anywhere to manage your network away from home

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.



HYBRID VPN— Protect your connection. Anonymize select gaming devices without slowing all your devices



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

XR700 Nighthawk® Pro Gaming Router

Nighthawk Soars Ahead with the Latest 802.11ad Wireless Technology

Speeds of up to 4.6Gbps—that's 3 times faster than 802.11ac.



Ultimate 4K Streaming & VR Gaming
11ad - 3X Faster than 11ac
Experience unimaginable wireless speeds.

4K Video VR Backup

802.11ad	4.6 Gbps
Typical 11ac	1.3 Gbps

Fastest Wireless for Media Transfers and Backup

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



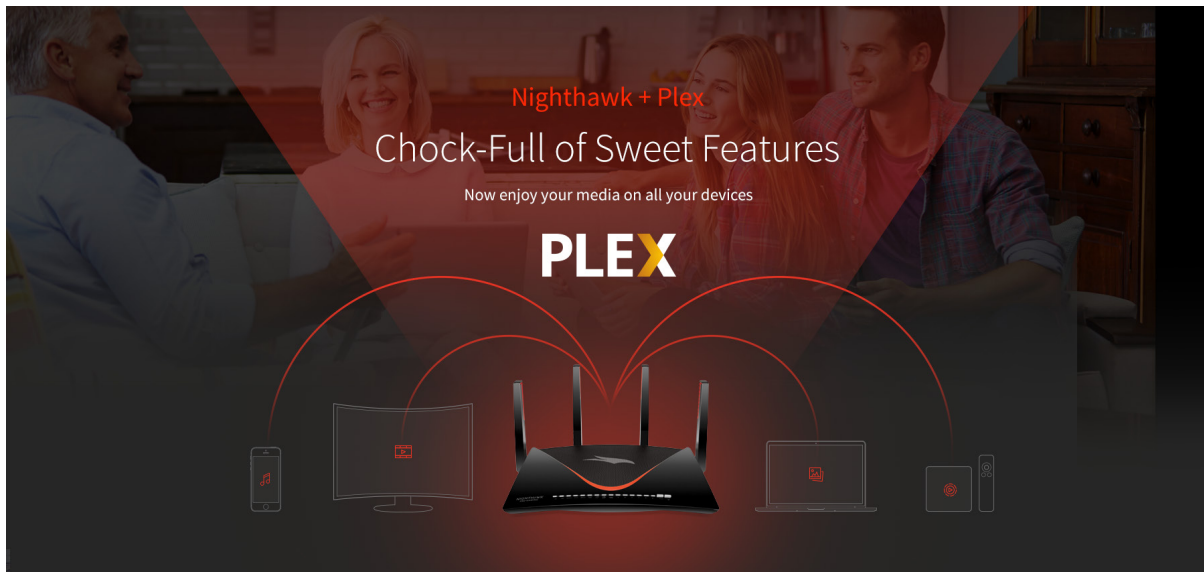
Don't Keep Waiting
Fastest Wireless for Media Transfers & Backup

8sec vs 24sec*	21sec vs 64sec*	53sec vs 120sec*
Time to transfer a 3GB backup	Time to transfer a 8GB 4K movie file	Time to transfer a 20GB VR video

XR700 Nighthawk[®] Pro Gaming Router

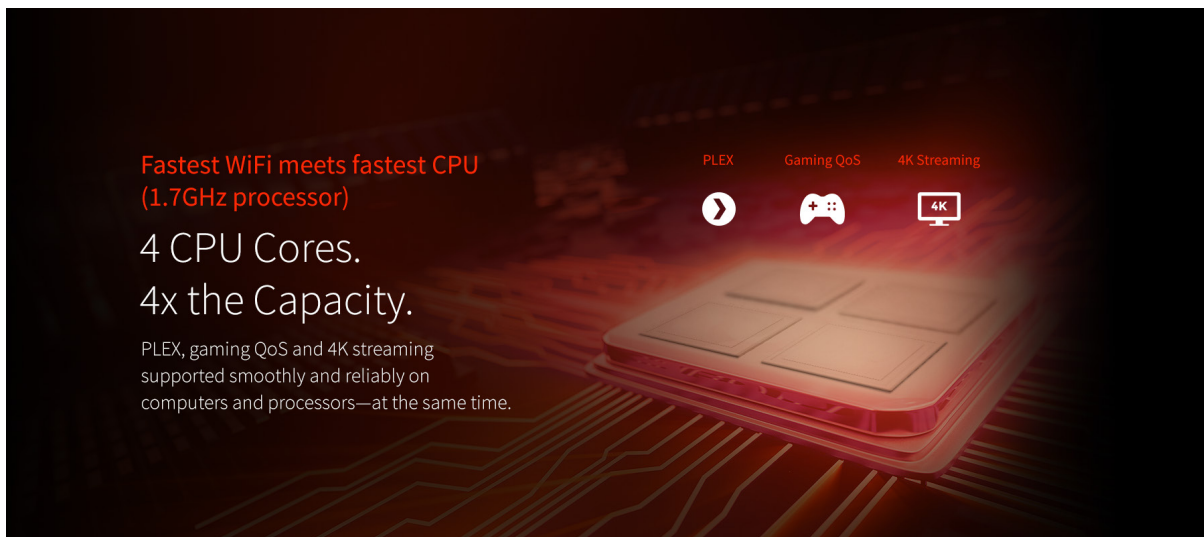
Industry's First Gaming Router with Plex Media Server

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

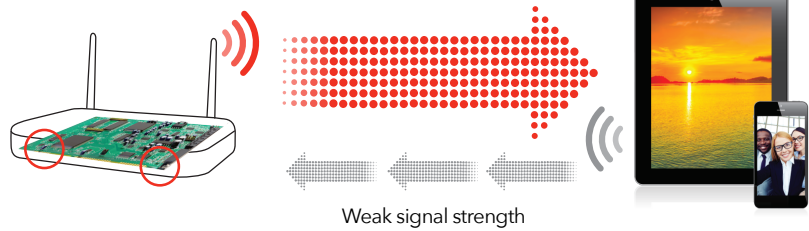
Each new generation of routers grows more powerful than the last, delivering stronger WiFi signals with greater range. At the same time, the WiFi signals on mobile devices are not getting more powerful. This difference in WiFi performance - a strong WiFi signal from the router and weaker ones from mobile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

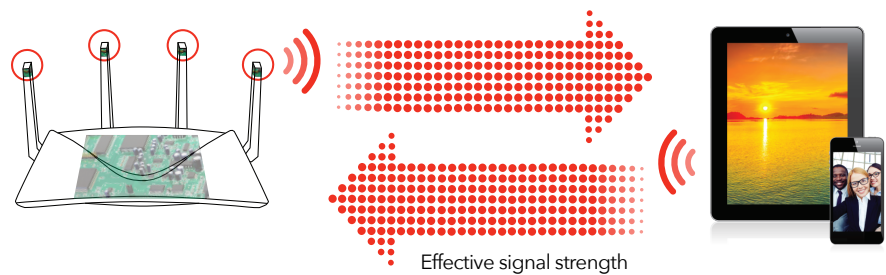
Active Antennas help improve WiFi performance by amplifying signals in the antenna itself. Thereby avoiding any signal loss during transmission between antenna

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.



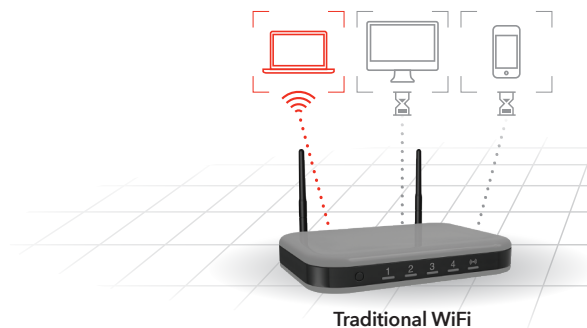
XR700 Nighthawk® Pro Gaming WiFi Router Active antennas compensate for weaker mobile device signals and effectively improve signal strength.

Multi-user MIMO (MU-MIMO)

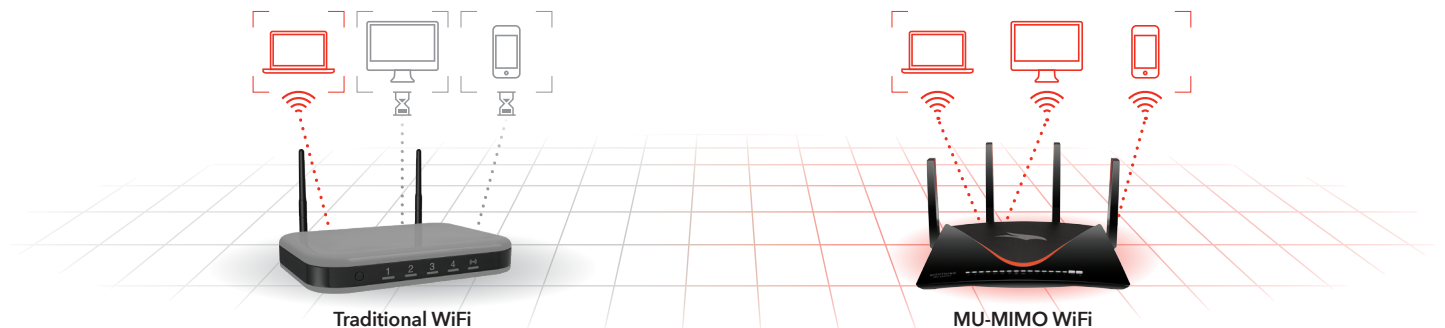
Traditional WiFi routers can stream data to only one device in the home at a time. When multiple devices are connected to the router, each device needs to take its turn, and then wait before receiving more data. This can lead to slower network and Internet speeds. Using Multi-User MIMO technology, NETGEAR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

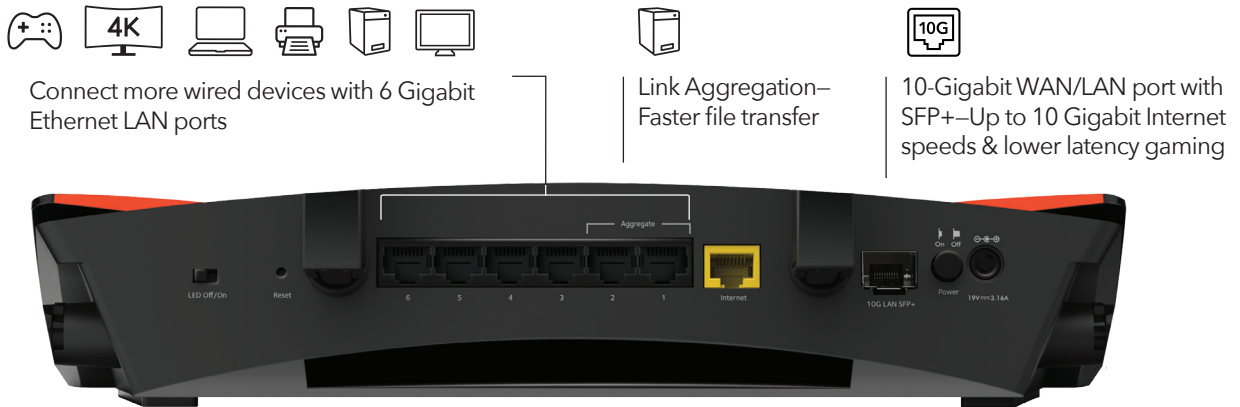


The 10G Setup You've Been Waiting For

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).

XR700 Nighthawk[®] Pro Gaming Router

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 – 256-QAM
 - Band 2: 1733Mbps @5GHz – 256-QAM
 - Band 3: 4600Mbps @60GHz – SC
- Powerful quad-core 1.7GHz processor
- Memory: 512MB NAND flash and 1GB DDR3 SDRAM
- Enhanced Active Antennas with high-power 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

- 10-Gigabit WAN/LAN Port with SFP+—Up to 10 Gigabit Internet speeds & lower latency gaming
- Two (2) USB 3.0 ports
- IPv6 support (Internet Protocol Version 6)
- On/off LED light switch

Key Features

- Gaming Dashboard—View real-time Internet & bandwidth usage, network map, & easily personalize settings for your gaming needs
- Geo-Filter—Get the best connection for your game with guaranteed nearby servers & players
- Network Monitor—Check bandwidth-hogging devices and identify what causes lag
- Quad Stream & 160MHz for faster speeds
- Bandwidth Prioritization—QoS engine with bandwidth reservation allows you to allocate bandwidth by device to eliminate congestion
- Beamforming+ for more reliable connections
- ReadySHARE[®] USB—Share your USB hard drive
- 10-Gigabit WAN/LAN 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—Easily set up your router and get more out of your WiFi. Includes access from anywhere to manage your network away from home
- 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

- Hybrid VPN—Select which traffic to protect for privacy and which to pass through directly to avoid any lag or data charges with this flexible VPN client
- Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
- Double firewall protection (SPI and NAT)
- Denial-of-service (DoS) attack prevention

Warranty

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

Support

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

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 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. Up to 7200Mbps wireless speeds achieved when connecting to other 802.11ad 7200Mbps devices.

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

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