



Smart Roaming with One WiFi Name

- Fast AC2200 WiFi with combined speeds up to 2.2Gbps
- Tri-band WiFi with FastLane3 Technology for faster WiFi speeds to more devices
- MU-MIMO for simultaneously streaming to multiple devices
- Creates a Whole Home WiFi System
- Works with any WiFi router

AC2200

Overview

Nighthawk® X4S Wall-Plug Tri-band WiFi Mesh Extender provides better WiFi speeds to hard-to-reach areas of your home. This Nighthawk Mesh Extender creates powerful whole home WiFi up to 100% faster speeds than Dual-Band Range Extenders.[†] Nighthawk® X4S with FastLane3™ Technology delivers super-fast Tri-Band WiFi with combined speeds up to 2.2Gbps. It uses your existing WiFi to easily extend coverage of your home's WiFi at a touch of a button. Enjoy seamless WiFi like never before with the same WiFi name and password. Now, you can move from room-to-room while streaming video on your mobile device or stay on a video call without interruptions.

NIGHTHAWK MESH WIFI



- Easily create a whole home WiFi system with your existing router
- Extends coverage of your home's WiFi with same WiFi name & security password
- Uninterrupted 4K video streaming as you roam room-to-room
- Push button setup

FASTLANE3™ TECHNOLOGY



- Super-fast Tri-band WiFi with combined speeds up to 2.2Gbps
- Dedicated WiFi link avoids cutting the extended WiFi bandwidth in half
- Four high-performance internal antennas for extended WiFi coverage

ULTIMATE CONNECTIVITY

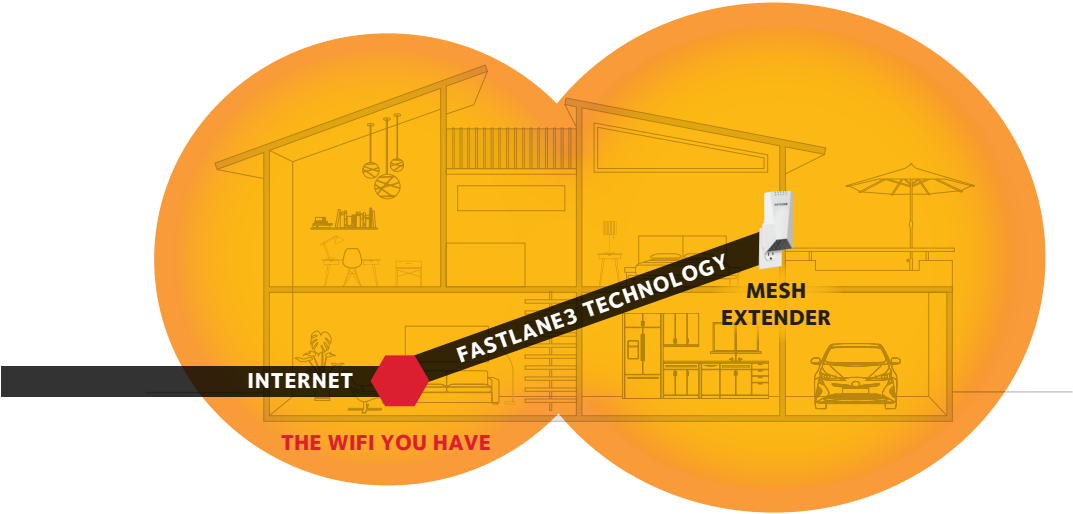


- Smart Roaming automatically connects your mobile devices to the best available WiFi
- Quad-Core processor for seamless 4K video streaming & lag-free gaming
- MU-MIMO enables simultaneous streaming of data for multiple devices
- Boost the range of your WiFi to every corner of your home

The NETGEAR patented FastLane3 Technology is comprised of Tri-band WiFi that creates a dedicated WiFi link between the extender and router and an optimized antenna design in the extender, giving you more speed to more devices. These elements combined create a powerful solution to extend WiFi throughout your home.

FASTLANE	FASTLANE3 Technology
This feature maximizes performance by limiting devices to one band. Only one band is available for devices to use while the other one is dedicated to connection to the router.	This feature maximizes performance using dedicated third band for connecting to the router. Devices get to use both 2.4GHz and 5GHz bands of the extender for connection. By using dedicated band, there is little performance impact when new clients join the network.
FastLane needs to be enabled in the GUI.	FastLane3 Technology is automatically enabled.
Use case: More bandwidth for more devices.	Use case: Enhances your gaming and streaming experience.

More Coverage. Smart Roaming. One WiFi Name.



Up to 100% faster than Dual-Band Range Extenders†

WiFi Analytics App

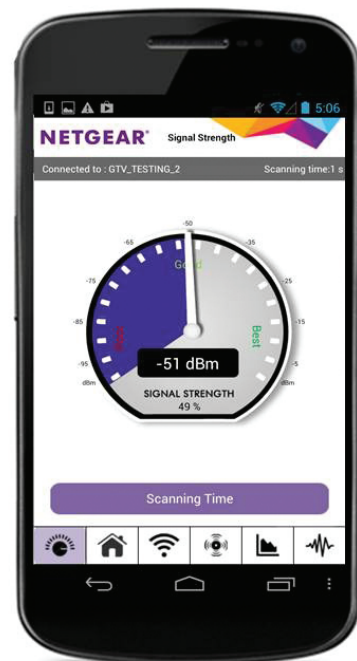
How strong is your WiFi signal? Use the NETGEAR WiFi Analytics app & get advanced analytics to optimize your existing or newly extended WiFi network. Check your network status, WiFi signal strength, identify crowded WiFi channels & much more!

Here's what you can do with the WiFi Analytics App!

- Get a network status overview
- Check WiFi signal strength
- Measure WiFi channel interference
- Keep track of WiFi strength by location
- and more...



Scan to install app



Nighthawk® X4S Tri-Band WiFi Mesh Extender

Data Sheet

EX7500

PACKAGE CONTENTS

- AC2200 Nighthawk® X4S Tri-band WiFi Mesh Extender (EX7500)
- Quick start guide

PHYSICAL SPECIFICATIONS

- Dimensions: 3.3 x 3.0 x 6.34 in (83.82 x 76.2 x 161.04 mm)
- Weight: 0.67lb (0.304kg)

WARRANTY

- NETGEAR 1-year limited warranty

SUPPORT

- 90-day complimentary technical support*

EASE OF USE

- Simple browser installation—great for mobile devices
- Push “N” Connect using WPS¹
- Power on/off button

SYSTEM REQUIREMENTS

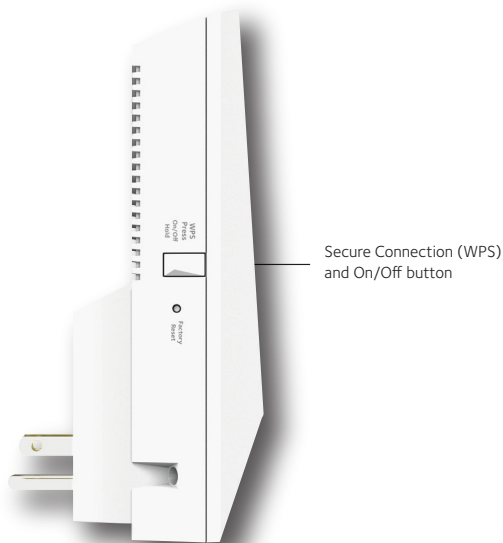
- 2.4 and/or 5GHz 802.11 a/b/g/n/ac wireless router or gateway
- Microsoft® Internet Explorer 8.0, Firefox® 20, Safari® 5.1, Google Chrome™ 25.0 browsers or higher

SECURITY

- Wi-Fi Protected Access® (WPA/WPA2-PSK) and WEP

STANDARDS

- AC2200[†] WiFi
 - Band 1: 400Mbps @2.4GHz - 256QAM
 - Band 2: 866Mbps @5GHz - 256QAM
 - Band 3: 866Mbps @5GHz - 256QAM
- IEEE® 802.11 b/g/n 2.4GHz
- IEEE® 802.11 a/n/ac 5GHz
- IEEE® 802.11 k



Secure Connection (WPS) and On/Off button

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.

¹Works with devices supporting Wi-Fi Protected Setup® (WPS).

[†]Comparable with an AC1200 WiFi Range Extender.

Data throughput, signal range, and wireless coverage per sq. ft. are not guaranteed and may vary due to differences in operating environments of wireless networks, including without limitation building materials and wireless interference. Specifications are subject to change without notice. The product may not be compatible with routers or gateways with firmware that has been altered, is based on open source programs, or is non-standard or outdated.

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