



Advanced Whole Home WiFi

With Nighthawk® Tri-band Mesh WiFi 6E Satellite, expand powerful mesh WiFi even further, up to 2,500 square feet, with combined speeds of up to 5.7Gbps.† The new 6GHz band delivers faster WiFi 6E speeds for less congestion, ultra-low latency, and more bandwidth.

Key Features

- **Extreme Performance**—Immerse yourself in the ultimate 4K UHD streaming & gaming experience with 7 streams of WiFi 6E and speeds up to 5.7Gbps†.
- **Latest WiFi 6E Technology**—WiFi 6E provides 50% faster speeds than the previous WiFi 6 product.³ Experience greater speeds, ultra-low latency, & more bandwidth with the new 6GHz band.⁵
- **Super-fast Tri-band WiFi**—Stay ahead of your family's streaming, gaming, & smart home needs. NETGEAR Tri-band technology with a dedicated WiFi connection between the router and satellite ensures max speeds for up to 100 connected devices.
- **Whole Home Coverage**—Keep your devices connected with confidence. Works with your Nighthawk Tri-band Mesh router to form a smart and reliable WiFi network.
- **Expandable**—Eliminate any dead zones by extending your coverage by up to 2,500 sq. ft. with this satellite. The compact, sleek design is perfect for easy placement throughout your home.
- **More Wired Connections**—Add more wired connections for your gaming console & IoT gateway wired connections with two 1G Ethernet ports.
- **Amplified Signal**—Experience stronger, wider, & more consistent coverage with the NETGEAR-patented antenna design.
- **It's Easy**—Easy setup with the Nighthawk app, set up and control your home WiFi from the palm of your hand.

Technical Specifications

- AXE5700 Satellite (900 + 2400 + 2400Mbps)†
- Simultaneous Tri-band WiFi
 - Radio 1: IEEE® 802.11b/g/n/ax 2.4GHz—1024-QAM support
 - Radio 2: IEEE® 802.11a/n/ac/ax 5GHz—1024-QAM support
 - Radio 3: IEEE® 802.11a/n/ac/ax 6GHz—1024-QAM support
- Tx/Rx: 2.4GHz: 3x3; 5GHz: 2x2 (160MHz); 6GHz: 2x2 (160MHz)
- IEEE® 802.11a/b/g/n/ac/ax
- MU-MIMO capable for simultaneous data streaming⁴
- Uplink & Downlink OFDMA² – Improved capacity and efficiency
- Explicit Beamforming for 2.4GHz, 5GHz & 6GHz bands
- Processor – Powerful quad-core 1.7GHz processor
- Antenna – Five (5) high-performance internal antennas
- Ports – Two (2) 10/100/1000Mbps Gigabit Ethernet ports
- Push button WPS/SYNC support

Services & Security

- Nighthawk App – Use the Nighthawk App to easily setup, monitor and manage your Nighthawk Mesh WiFi, and access exclusive NETGEAR services
- Security
 - Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
 - Guest WiFi Network is easy to setup separate & secure Internet access for guests
 - WPA3-Personal provides more robust password-based authentication

Box Contents

- One (1) Tri-band Mesh WiFi 6E Satellite (MS90)
- One (1) 12V/2.5A power adapter
- Quick start guide

Network Requirements

- Tri-band Mesh WiFi 6E Router (MR90) – **SOLD SEPARATELY**
- or
- Tri-band Mesh WiFi 6E System (MK93S) – **SOLD SEPARATELY**

Warranty & Support

- Warranty–www.netgear.com/warranty
- Support
 - Extend your warranty & technical support within 90 days of product purchase [U.S. only].*
 - Visit: <http://prosupport.netgear.com/home>

Physical Specifications

- Dimensions: 5.51 x 5.51 x 3.62 in (140 x 140 x 92 mm)
- Weight: 1.38 lb (0.63 kg)

Connection Diagram



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.

¹ Maximum wireless signal rate derived from IEEE 802.11 specifications. Actual data throughput and wireless coverage will vary and be lowered by network and environmental conditions, including network traffic volume, device limitations, and building construction. NETGEAR makes no representations or warranties about this product's compatibility with future standards. To achieve maximum wireless/wired speed requires devices that use the latest wireless/wired standards and support maximum speeds. 2.5Gbps achieved when used with MR90 or MK93S.

² Nighthawk Mesh WiFi 6E System Router required (sold separately).

³ Requires compatible AX clients with DL-OFDMA and UL-OFDMA support.

⁴ MS90 Combined WiFi speed of 5.7Gbps is 50% faster than the previous model MS80 with a combined speed of 3.6Gbps.

⁵ MU-MIMO capability requires both router and client device to support MU-MIMO.

⁶ Clients must support 6GHz band (WiFi 6E). 6GHz band is limited to indoor range.

For regulatory compliance information, visit www.netgear.com/about/regulatory

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