



## Advanced Whole Home WiFi

Engineered to deliver 50% improved WiFi performance<sup>4</sup> compared to the previous model, the Nighthawk® Tri-Band Mesh WiFi 6E System keeps your home running with top WiFi speeds up to 5.7Gbps<sup>†</sup> for up to 100 devices simultaneously and provides exceptional WiFi range of up to 7,500 sq. ft. for whole home coverage. The new 6GHz band delivers faster WiFi 6E speeds for less congestion, ultra-low latency, and more bandwidth. Plus, get multi-layered advanced cyber threat protection with NETGEAR Armor™ with a 1-year subscription<sup>1</sup> and easily manage your kids' online activities with NETGEAR Smart Parental Controls™<sup>2</sup>.

### Key Features

- **Super-fast Reliable Speeds**—Total wireless speeds of up to 5.7Gbps make for smoother Ultra HD 4K streaming.
- **Latest WiFi 6E Technology**—WiFi 6E provides 50% faster speeds & double the device capacity for MK93S compared to the previous WiFi 6 product.<sup>5</sup> Experience greater speed, ultra-low latency, & more bandwidth with the new 6GHz band.<sup>6</sup>
- **Super-fast Tri-band WiFi**—NETGEAR Tri-band technology ensures max speeds for up to 100 connected devices to keep up with your family's streaming, gaming, & smart home needs.
- **Customized WiFi**—Maximize your network efficiency by assigning your smart home & critical devices to a new customized WiFi network on the 2.4, 5, or 6GHz WiFi bands.
- **Powerful Quad-core Processor**—More processing power increases the overall performance of your network.
- **More Wired Connections**—Seven Ethernet ports for your gaming console & IoT gateway wired connections. Boost your wired speeds up to 2Gbps<sup>†</sup> by linking two LAN ports together—ideal for network storage.
- **Fast Multi-Gig Internet**—Get today's fastest Internet with the up to 2.5Gbps<sup>†</sup> Internet port for your most demanding tech products—such as game consoles, streaming players, & computers.
- **Amplified Signal**—Experience stronger, wider, & more consistent coverage with the NETGEAR-patented antenna design.
- **It's Easy**—Easy setup with the Nighthawk app, customize and enjoy your new Nighthawk Mesh WiFi in minutes.

### Technical Specifications

- AXE5700 Router & Satellites (900 + 2400 + 2400Mbps)<sup>†</sup>
- 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 streaming<sup>4</sup>
- Uplink & Downlink OFDMA<sup>3</sup> – Improved capacity and efficiency
- Explicit Beamforming for 2.4GHz, 5GHz & 6GHz bands
- Processor – Router & Satellites
  - Powerful quad-core 1.7GHz processor each
- Antenna
  - Five (5) high-performance internal antennas each
- Ports – Router
  - Three (3) 10/100/1000Mbps Gigabit Ethernet LAN ports
  - One (1) 2.5Gbps Multi-Gigabit Ethernet WAN port
- Ports – Satellites
  - Two (2) 10/100/1000Mbps Gigabit Ethernet ports each
- 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
- NETGEAR Armor™ – Award-winning NETGEAR Armor™ protects your WiFi with an automatic shield of security across every connected PC, phone, camera, smart home device, & TV, etc.<sup>1</sup> 1-year subscription included. Learn more at [www.netgear.com/armor](http://www.netgear.com/armor)
- NETGEAR Smart Parental Controls™ – Easily manage your kids' time online across their connected devices. Learn more at [www.netgear.com/spc](http://www.netgear.com/spc)
- 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 Router (MR90)
- Two (2) Tri-band Mesh WiFi 6E Satellites (MS90)
- One (1) 2m/6ft Ethernet cable
- Three (3) 12V/2.5A power adapters
- Quick start guide

**Physical Specifications**

- Mesh WiFi 6E Router (MR90)
  - Dimensions: 5.51 x 5.51 x 3.62 in (140 x 140 x 92 mm)
  - Weight: 1.4 lb (0.64 kg)
- Mesh WiFi 6E Satellites (MS90)
  - Dimensions: 5.51 x 5.51 x 3.62 in (140 x 140 x 92 mm) each
  - Weight: 1.38 lb (0.63 kg) each

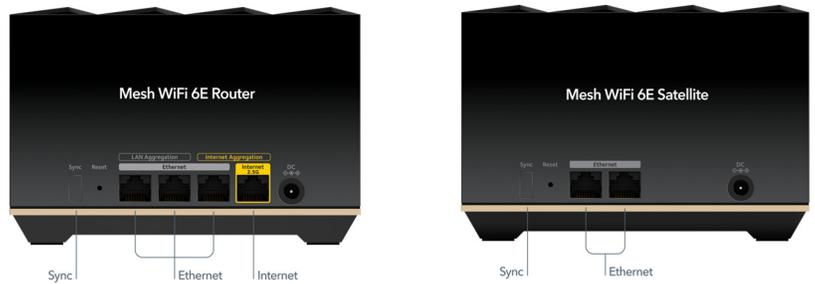
**Network Requirements**

- High-speed Internet connection
- Connect to existing modem or gateway

**Warranty & Support**

- Warranty—[www.netgear.com/warranty](http://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>

**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.

<sup>†</sup> 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. Up to 5.7Gbps wireless speeds achieved when connecting to other 802.11ax 5.7Gbps devices. Up to 2.5Gbps wired speeds achieved when connecting to other wired speed 2.5Gbps devices. Up to 2Gbps wired aggregated speeds achieved when connecting to other 2Gbps wired aggregated support devices.

<sup>1</sup> NETGEAR Armor™ is free during the initial 1-year free period. A yearly subscription, after the trial period, protects all of your connected devices.

<sup>2</sup> NETGEAR Smart Parental Controls™ fees apply for a Premium Plan.

<sup>3</sup> Requires compatible AX clients with DL-OFDMA and UL-OFDMA support.

<sup>4</sup> MU-MIMO capability requires both router and client device to support MU-MIMO.

<sup>5</sup> MK93 combined WiFi speed of 5.7Gbps is 50% faster than the previous model MK83 with a combined speed of 3.6Gbps.

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

For regulatory compliance information, visit [www.netgear.com/about/regulatory](http://www.netgear.com/about/regulatory)

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