NETGEAR®

Nighthawk® Mesh WiFi 6 System

Advanced Whole Home WiFi

With Nighthawk® Mesh WiFi 6 System you'll enjoy advanced whole home WiFi designed to deliver smooth video streaming and fast online gaming to more devices at the same time. Experience coverage up to 280 square meters (3000 square feet) for your home, including front and back yards, with combined speeds of 3Gbps.† NETGEAR Armor™ software, with a 1-year license included, protects your WiFi with an automatic shield of security across your connected devices.

Key Features

- **Superior Performance**–Get the ultimate experience with 4 streams of WiFi 6 and speeds up to 3Gbps.† Enjoy 4K UHD streaming and lag-free gaming.

- **More Capacity for More Devices**–With WiFi 6, enjoy more devices simultaneously and greater capacity than before.

- **2x Faster for PCs & Android Phones**–Higher capacity 160MHz channels provide 2x faster speed, up to Gigabit WiFi to the latest Windows PCs, Android phones & tablets.‡

- **Latest WiFi 6 Technology**–Upgraded WiFi that's up to 2.5x the performance and capacity of WiFi 5.† 100% backward compatible.

- **Exclusive Features–**Includes a 1-year subscription to NETGEAR Armor™ software powered by Bitdefender® that protects your WiFi with a shield of security across your connected PCs, phones, cameras, TVs, Echo, etc.

- **Compact Design**–Sleek, compact design makes it easy to place almost anywhere to enjoy stronger WiFi everywhere.

- **Expandable**–Extend coverage as needed with MS70 add-on satellites.

- **It's Easy**–Easy setup with the Nighthawk app, customize and enjoy your new Nighthawk Mesh WiFi in minutes.

- **WiFi 6 Supports All Current WiFi Devices**–Backward compatible with WiFi 5 and earlier generation devices.

- **4-stream WiFi**–Stream smooth 4K UHD content to smart TVs, mobile devices, and gaming consoles.

- **Powerful Quad-core Processor**–More processing power increases the overall performance of your network.

Technical Specifications

- AX3000 Router & Satellite (600 + 2400Mbps)†

- Simultaneous dual 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

- Tx/Rx: 2x2 (2.4GHz) + 2x2 (5GHz)

- IEEE® 802.11a/b/g/n/ac/ax

- MU-MIMO capable for simultaneous data streaming

- Uplink & Downlink OFDMA[2] – Improved capacity and efficiency

- Explicit Beamforming for 2.4GHz & 5GHz bands

- Processor – Router & Satellite
  - Powerful quad-core 1.7GHz processor

- Antenna
  - Four (4) high-performance internal antennas each

- Ports – Router
  - One (1) 10/100/1000Mbps Gigabit Ethernet WAN port
  - One (1) 10/100/1000Mbps Gigabit Ethernet LAN port

- Ports – Satellite
  - One (1) 10/100/1000Mbps Gigabit Ethernet LAN port

- 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.[1] 1-year subscription included. Learn more at 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

- 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

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Box Contents

- One (1) Mesh WiFi 6 Router (MR70)
- One (1) Mesh WiFi 6 Satellite (MS70)
- One (1) 2m/6ft Ethernet cable
- Two (2) 12V/1.5A power adapters
- Quick start guide

Network Requirements

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

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

- Mesh WiFi 6 Router (MR70)
  - Dimensions: 122 x 122 x 64 mm (4.8 x 4.8 x 2.5 in)
  - Weight: 0.29 kg (0.63 lb)
- Mesh WiFi 6 Satellite (MS70)
  - Dimensions: 122 x 122 x 64 mm (4.8 x 4.8 x 2.5 in)
  - Weight: 0.29 kg (0.63 lb)

Connection Diagram

Mesh WiFi 6 Router

Ethernet | Internet | Sync

Mesh WiFi 6 Satellite

Ethernet | Sync

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 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 3,000Mbps wireless speeds achieved when connecting to other 802.11ax 3,000Mbps devices.

‡ When working with 160MHz clients as compared to a 2x2 AC router that does not support 160MHz.

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

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

3 NETGEAR Smart Parental Controls™ is not available in all regions and countries. Visit https://www.netgear.com/NETGEAR-SPC-availability for more details.

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

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