



Next-generation 5G Mobile Router

The NETGEAR® Nighthawk® M6 Mobile Router upgrades your mobile broadband experience to incredible new speeds with 5G, and unparalleled heights with WiFi 6. Keep your entire staff connected to 5G over WiFi 6 for up to 32 devices. Perfect for mobile business staff on the go, from

commuters to first responders and service technicians—access secure WiFi wherever your work takes you. With the option to connect the 5G Mobile Router to your existing office router, you can bring 5G speeds into your office network and all your WiFi devices. The simple-to-use 2.4" LCD touch

screen lets you conveniently monitor data usage, see WiFi name/password, mobile signal strength, and manage device and network settings.



Why 5G?

Get on the cutting edge of something truly great. The next level of Internet speed is here to usher in a new era of limitless technology possibilities. Experience lightning fast reaction times for video conference calling, smart & connected devices, and immersive learning tools all while downloading, streaming, and browsing with speeds as fast as the blink of an eye. 5G is the revolutionary next step in the future

10x capacity

Get connected in dense areas, even with tall buildings and many connected devices competing for connection.

10x faster than 4G

5G delivers revolutionary mobile broadband connectivity by using shorter frequencies, boosting speeds to unheard of levels of up to 10x faster than 4G.

Extremely low latency

Shorten the time delay between sending and receiving information with 5G. Now 1ms, 5G delivers extremely low latency rates down from 200ms for 4G.



WiFi 6—Ready for Today and Tomorrow's Workplace

Delivering four times better performance than WiFi 5, WiFi 6 allows more devices to connect and stream simultaneously, without impacting speed or reliability, by efficiently packing and scheduling data. Rising to the challenges of modern workplace demands, this new standard of WiFi is ready to support more devices with better reliability and faster speeds.

Capacity

WiFi 6 gives you improved network capacity for more WiFi devices. Experience uninterrupted 4K/8K video streaming, at the same time as other productivity and smart applications.

Speed

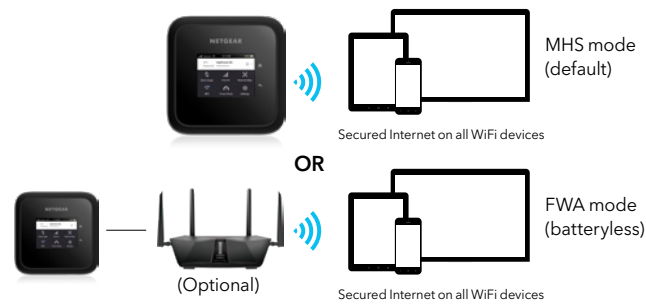
Get ultra-fast wireless speeds with more connections for all devices with less congestion. You'll get some blazing connection speeds of more than one Gigabit per second or more & 4K/8K streaming.

Range

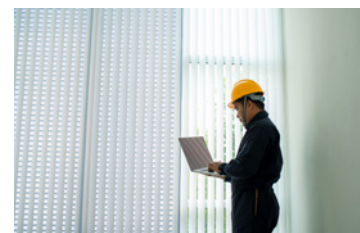
Experience reliable and stronger WiFi coverage indoors and outdoors for all your devices. Up to 2,000 Sq ft to canvas your work environment. High-performance antennas, pre-optimized for best performance, on the router amplify WiFi signals for maximized range and reliable coverage.

At Office or Remote Work location—WiFi, unbound.

If fiber, DSL or cable Internet speeds are not optimal in your area, 5G can be more reliable as your primary Internet connection. For Fixed Wireless Access Mode, simply connect your Nighthawk M6 Mobile Router to your existing office router to deliver 5G speeds throughout your workplace. The Nighthawk M6 Mobile Router can also provide a reliable backup Internet connection over the Verizon network. If fiber, DSL or cable is interrupted or unavailable, the M6 automatically switches from Ethernet to the Verizon 5G/4G network and all devices will remain seamlessly connected.

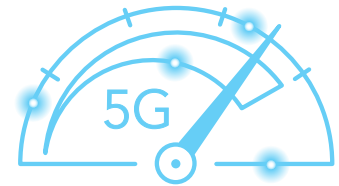
**On-the-go / Outdoor**

If you are in a remote area without a WiFi connection available or in a congested area with many surrounding WiFi networks, the M6 will keep up to 32 devices connected to 5G (or 4G LTE where 5G network is not available) over WiFi.



Blazing-fast 5G Internet Speed

5G Sub-6 bands provide blazing-fast Internet speeds for smooth and crisp streaming, gaming, and uninterrupted video calls—wherever you are.



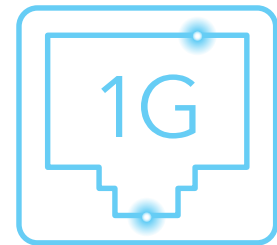
WiFi 6 Technology

Dual band 2.4GHz and 5GHz WiFi 6—with aggregate speeds of AX3600—is ideal for supporting up to 32 devices simultaneously.**



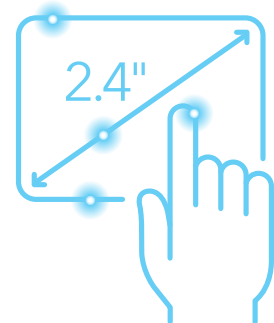
1G Ethernet Port

Distribute Gigabit Internet speeds at the office by connecting your wired devices to the 1G Ethernet port.**



Large 2.4" Intuitive Touch Screen

Easily set up the device, change WiFi settings, and monitor your data usage using the built-in color LCD screen.



**Mobile Device Management Platform****Comprehensive Reporting**

Receive reports on device usage, cellular signal strength, bandwidth, Mobile Router battery levels and more on all devices deployed.

Simple Device Onboarding

Bulk device onboarding for simplicity. Ensure the device claiming process is secure and authenticated to protect device ownership by the organization.

Easy Access Management

Easily locate all deployed devices, search devices by multiple search terms (Model, SN, Status, and Uptime), and track inventory devices in the field.

Easy Business Connectivity

Mobile businesses can operate from anywhere with instant connectivity for any device without relying on additional infrastructure or technical support.

Centralized Device Configuration & Management

Centrally apply profiles and policies to one or a group of devices with easy replication and cloning or profile and policy settings.

Speed

Supports Sub-6 bands for blazing-fast mobile broadband Internet.



5G NR—Powered by the Qualcomm® Snapdragon™ X62 Mobile Platform for premium performance, delivering ground-breaking speeds*



WIFI 6—The latest WiFi 6 technology allows more devices to connect and stream simultaneously

Capacity

Keep your entire team connected to blazing-fast broadband Internet.



MORE WIFI FOR MORE DEVICES—Connect up to 32 devices such as smartphones, tablets, and laptops



FIXED WIRELESS OPTION—Bring revolutionary 5G connection to your office using the Gigabit Ethernet port connecting to your existing office router, or connect to Netgear ProWiFi WLAN Access Points

On-the-go

Mobile routers advance the way you WiFi on-the-go. Connect up to 32 devices, and take your work anywhere.



TOUCH SCREEN—Intuitive color touch UI screen with data usage meter

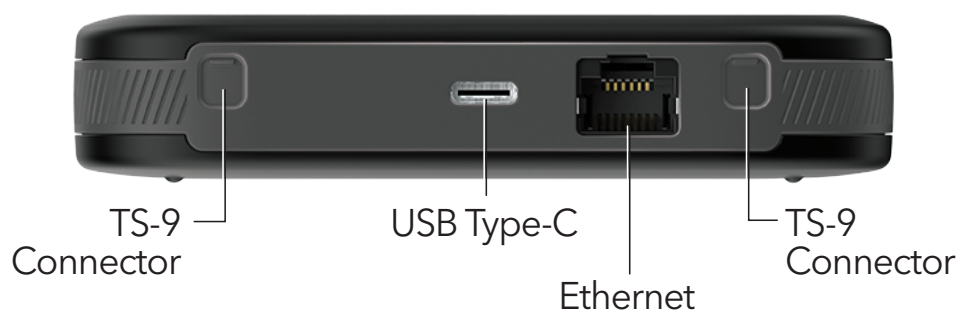


NETGEAR MOBILE APP—View your connection status, settings, and data usage using your smartphone or tablet



BATTERY—Power on with the long-lasting battery, or plug directly into an outlet with battery removed

Connection Diagram



Package Contents

- Nighthawk® M6 Mobile Router device and battery
- Quick start guide
- USB Type-C cable
- AC adapter

Physical Specifications

Dimensions

- 105 x 105 x 21.5 mm
(4.14 x 4.14 x .85 in)

Weight

- 252 g (.55 lb) with battery

Technical Specifications

Technology / Bands

- LTE CAT 19
- 5GSub-6: C-band/2/5/7/12/14/25/29/30/38/41/48/66/71/77/78
- LTE:1/2/3/4/5/7/12/13/14/25/26/28/29/30/40/41/46/48/66/71

Chipset

- Qualcomm SDX62

WiFi

- AX3600 max throughput (PHY)
- 2.9Gbps on 5GHz***
- 700Mbps on 2.4GHz

Data Usage Meter

- Manage your data and how much you use

External Display

- 2.4" touch LCD panel

Battery

- 5040mAh battery

External Ports

- One (1) USB Type-C
- One (1) 1Gbps Ethernet**
- Two (2) TS9 RF ports

Key Features

- Latest 5G technology
 - 5G NR Sub 6GHz (2CC - 120MHz)
 - 5G C-Band support
 - Secure business 5G Internet with LTE fallback.
- Supports LTE CAT 19, LTE Advanced Pro, 4x4 MIMO, 256-QAM
- GPS Support
- Carrier Aggregation
 - Up to 7x Carrier Aggregation on 4G LTE + 5G Sub-6
 - Up to 5x Carrier Aggregation on 4G LTE
- 2.4" LCD color touch screen interface
- Portable business router with failover capabilities
- Fixed Wireless Mode. Just remove the battery and plug in the power adapter
- Temporary Internet connection to keep your workforce connected with up to 32 WiFi devices
- Simple, intuitive app-driven user experience to monitor data usage, manage device and network settings
- Powerful and long-lasting battery. Use Power Management settings to help manage battery usage time
- Two TS-9 connectors available for use with external 5G/4G/3G antennas
- Simple setup with no software to install—just power on and connect

Security

- WiFi security
 - WPA™ - Personal
 - WPA2™ - Personal
 - WPA3™ - Personal
- Protected management frames
- Guest WiFi privacy separation
- Wi-Fi Protected Setup™
 - 2.4GHz, 5GHz - Concurrent
 - PIN
 - Push-button (PBC)
- WPS on/off control
- WiFi on/off control
- WiFi SSID broadcast on/off control
- VPN passthrough
- MAC address filtering
- Website filtering
- Port forwarding
- Port filtering
- Password protected web admin portal
- Session timeout
- SIM security
 - PIN1
 - PIN2
 - PUK



This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller. www.netgear.com/warranty

*Actual throughput will vary depending on your internet subscription with your provider. The transfer rate may be reduced by the volume of network traffic or your service plan. The transfer rate may also be reduced by the service provider's specific network implementation.

**To reduce power consumption and extend the battery life, this mobile router by default has Ethernet disabled.

***To reduce power consumption and extend the battery life, this mobile router is set by default to the WiFi 5GHz Only band.

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