



Nighthawk® M6 Pro 5G mmWave Mobile Router



Unlock Ultra-Fast 5G Internet

The NETGEAR® Nighthawk® M6 Pro 5G mmWave WiFi 6E Mobile Hotspot Router delivers first-class WiFi on business trips, family vacations, and everyday commutes with 5G speeds up to 8Gbps[‡] and WiFi 6E speeds up to 3.6Gbps[∞]. Instantly connect up to 32 devices for your business on-the-go for jobsites, livestreaming, and Zoom meetings—even in crowded areas. Unlocked¹ and certified with AT&T™, T-Mobile®, and Verizon®; compatible with all major Canadian carriers. Supports global connectivity with international roaming in over 125 countries.

Key Features

- **Ultra-Fast 5G Internet**—Get the fastest 5G speed wherever you work. Connect up to 8Gbps[‡] where mmWave is available to avoid slowdowns in crowded outdoor areas. Everywhere else, connect up to 6Gbps[‡] for incredible streaming & fast downloading.
- **Latest WiFi 6E^{††} Technology**—WiFi 6E express-lane speeds up to 3.6Gbps[∞] for up to 32 devices at once for faster downloads, quality Zoom calls, & 4K/8K streaming.
- **2.5G Ethernet Port**—Experience ultra-fast and reliable wired connection to power high-bandwidth business-critical applications. Connect the 2.5Gigabit Ethernet port to a WiFi router or directly to a laptop.
- **Extended Coverage**—Connect your business with up to 1,000 sq. ft. of WiFi coverage. Plug your M6 Pro into wall power and double coverage up to 2,000 sq. ft.
- **Secure WiFi**—Free yourself from the constraints of risky, slow, and unsecure public WiFi. Ensure security for your data and devices with a safe, private connection.
- **2.8" Touch Screen**—Effortlessly set up, monitor, and manage WiFi with an intuitive 2.8" LCD touchscreen.
- **Ultra-fast Wired Speeds**—Use the USB-C port as an ultra-fast wired connection with speeds up to 5Gbps.
- **Long-lasting Battery**—Get all-day performance with 13 hours of battery life.*
- **Increased Reception**—Increase your 5G cell reception by connecting external 5G antennas (sold separately) to available antenna ports.
- **Premium Performance**—Powered by the Qualcomm® Snapdragon™ X65 5G Modem-RF System to deliver premium performance & groundbreaking speeds.

Technical Specifications

- WiFi 6E^{††}
 - AXE3600 max throughput (PHY)
 - 5GHz/6GHz: 2900Mbps
 - 2.4GHz: 700Mbps
- 3G:
 - MR6550-100PAS (Americas): Not Supported
 - MR6550-100APS (Asia Pacific): 1/2/5/8
- 4G LTE CAT20(SCC):
 - MR6550-100PAS (Americas): 1/2/3/4/5/7/12/13/14/25/26/28/29/30/40/41/46/48/66/71
 - MR6550-100APS (Asia Pacific): 1/2/3/4/5/7/12/13/14/20/28/38/40/41/42/66
- 5G Sub6(3CC):
 - MR6550-100PAS (Americas): 2/5/7/12/14/25/29/30/38/41/48/66/71/77/78
 - MR6550-100APS (Asia Pacific): 1/2/3/5/7/8/20/28/38/40/41/71/77/78/79
- 5G mmWave(8CC):
 - MR6550-100PAS (Americas): n260/n261
 - MR6550-100APS (Asia Pacific): n257 (Japan only)/n258
- Battery - Removable 5040mAh Li-ion battery
- External Ports
 - One (1) USB Type-C
 - One (1) 2.5Gbps Ethernet
 - Two (2) TS9 RF ports

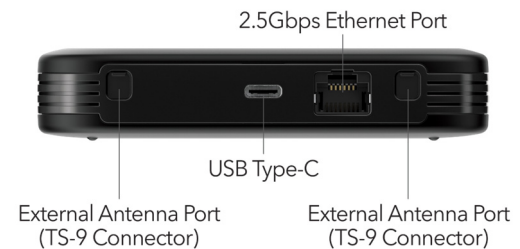
Package Contents

- Nighthawk® M6 Pro Mobile Router device and battery (MR6550)
- Quick start guide
- Manufacturer warranty card
- 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: 256 g (.56 lb) with battery

Connection Diagram



Qualcomm 5G

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

*Actual battery life will vary depending on network and environmental conditions, devices connected, content streamed, device settings, and aging of the battery.

[‡]This mobile hotspot has a maximum 5G speed of up to 8Gbps. Your actual speed will depend on multiple factors including (but not limited to) your ISP supporting at least 800MHz of 5G mmWave, distance to your ISP's 5G Tower, network congestion, location of the mobile hotspot at your premise, and any obstructions between the mobile hotspot and your ISP's 5G tower.

[∞]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.

^{††}WiFi 6E is restricted to indoor use only. Power adapter must be plugged in to turn on 6GHz band.

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