



NETGEAR MR2100 Nighthawk M2 Mobile Router Specifications And Datasheet

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NETGEAR MR2100 Nighthawk M2 Mobile Router



Introduction

Introducing the Next Generation Gigabit LTE Mobile Router

Advance the way you WiFi on the go – the Nighthawk M2 Mobile Router by NETGEAR is the next generation LTE Mobile Router to achieve maximum download speeds, bringing your mobile broadband experience to unparalleled new heights. With super fast download speeds, support for Cat. 20 LTE Advanced 5-band Carrier Aggregation, this premium Mobile Router provides the best internet connection experience possible whether it is used on the go, at home, or during your travels.

As an ultimate router fit for travels, the Nighthawk M2 Mobile Router can provide a secure LTE connection to share with up to 20 WiFi devices, and stream and play multimedia to keep your friends and family entertained. With a simple and intuitive app-driven user experience, parental control options, an improved JumpBoost feature, and a long-lasting battery for all-day continuous use, the Nighthawk M2 Mobile Router meets mobile lifestyle at its fullest potential and delivers a mobile broadband experience like never before.

Highlight

As your ultimate travel router, the Nighthawk M2 is a premium mobile WiFi router, plus MORE

- **In the home**

Stream with your Nighthawk M2 Mobile Router to watch your favorites on demand

- **On the way**

Keep your family entertained by using your Nighthawk M2 Mobile Router as a media hub



- **During Travels**

Keep your entire team connected, and stay productive no matter where you are

- **In the hotel**

Bring your own secured connection with you and offload to WiFi or Ethernet upon arrival



Key Features



- Superfast Mobile Broadband Internet to deliver incredible download speeds up to 2 Gbps and upload speeds up to 150Mbps in selected areas.
- Supports 4GX LTE Advanced Category 20 with up to 5-band Carrier Aggregation
- Media Streaming from USB or external hard drive to all connected devices
- LCD Touch Screen Interface
- Travel Router with WiFi/Ethernet offloading capabilities
- The always-on connection you can count on and share with up to 20 WiFi devices on the go
- COMING S POON parental controls to protect or guard access to online content
- Reduce network downtime by plugging into an Ethernet LAN/WAN port for instant connectivity.
- Simple, intuitive app-driven user experience to monitor data usage, manage device and network settings
- Powerful, long-lasting battery for all day continuous use
- Improved JumpBoost feature to charge smartphones and small portable USB devices
- Two TS-9 connectors available for use with external 4G/3G antennas
- Simple setup with no software to install
 - Just power on and connect

Technical Specifications

Technology / Bands*

- LTE CAT 20, up to 5-band CA and 4x4 MIMO
- **MR2100-100EUS**: LTE 700/800/900/1800/2100/2300/ 2500/2600 MHz

- **MR2100-1TLAUS:** LTE/4GX 700/900/1800/2100/2600 MHz
- 3G 850/900/1900/2100 MHz

Chipset

- Qualcomm SDX24

WiFi

- Full Dual-Band/Dual-Concurrent WiFi
- WiFi 802.11 b/g/n 2.4 GHz; WiFi 802.11 a/n/ac 5 GHz

Data Usage Meter

- Manage your data and how much you use

Media

- USB with Media Server/NAS capabilities

Max Theoretical Downlink Speed

- 2 Gbps

Max Theoretical Uplink Speed

- 150 Mbps

Dimensions

- 105.5 (L) x 105.5 (W) x 20.35 (H) mm

Weight

- 240 g (with battery)

External Display

- 2.4" Touch LCD panel

Battery Life

- All day and night – 5040mAh battery for all-day use

External Ports

- Gigabit LAN/WAN Port
- USB-C Port
- USB-A Port for Jump Boost and Media Server/NAS capabilities
- Dual TS-9 external 3G/4G antenna connectors

Package Contents

- NETGEAR Nighthawk M2 Mobile Router
- Removable Lithium Ion (Li-ion) Battery
- Battery Cover
- QC 2.0 charger and USB Type-C cable
- Quick Start Guide
- Manufacturer's warranty card

*Bands may vary by carrier and may not all be shown.

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FAQ's

What is the NETGEAR MR2100 Nighthawk M2 Mobile Router?

The NETGEAR MR2100 Nighthawk M2 Mobile Router is a high-performance mobile hotspot device designed to provide fast and reliable internet connectivity on-the-go. It allows you to create a Wi-Fi network using cellular data, making it ideal for travel and remote locations.

What are the key features of the Nighthawk M2 Mobile Router?

The Nighthawk M2 Mobile Router offers features such as ultra-fast 4G LTE connectivity, support for multiple devices, a long-lasting battery, Ethernet port, and secure connections, making it suitable for various applications.

What is the maximum download speed supported by the MR2100?

The NETGEAR MR2100 Nighthawk M2 Mobile Router can support download speeds of up to 2 Gbps, providing lightning-fast internet access for streaming, gaming, and more.

How many devices can connect to the Nighthawk M2 at once?

The Nighthawk M2 can typically support up to 20 Wi-Fi-enabled devices simultaneously, allowing multiple users to connect and use the internet without slowdowns.

What type of SIM card is compatible with the MR2100?

The Nighthawk M2 Mobile Router typically accepts a nano SIM card, which is a common SIM card size used by most mobile carriers.

Does the MR2100 support dual-band Wi-Fi?

Yes, it often features dual-band Wi-Fi support (2.4GHz and 5GHz), offering flexibility for connecting to different types of devices and optimizing performance.

Is the mobile router unlocked or carrier-locked?

The Nighthawk M2 may come in both locked and unlocked versions. It's essential to check the product description or consult with your carrier to determine which version you have.

What is the battery life of the Nighthawk M2?

The MR2100 typically features a long-lasting battery that can provide several hours of continuous use. The actual battery life may vary depending on usage and network conditions.

Can I use the Nighthawk M2 while traveling internationally?

Yes, the Nighthawk M2 is often designed to work with multiple cellular bands, allowing it to be used in many countries around the world. However, it's crucial to check compatibility with your carrier and destination.

Does it support VPN (Virtual Private Network) connectivity?

Yes, the MR2100 typically supports VPN pass-through, allowing you to establish secure connections to your corporate network or access region-restricted content while connected to the internet.

What is the size and weight of the Nighthawk M2?

The dimensions of the Nighthawk M2 are typically 10.55 x 10.55 x 2.03 cm, and it usually weighs around 240 Grams, making it compact and portable for travel.

How do I set up and configure the Nighthawk M2 Mobile Router?

Setting up the MR2100 is straightforward and often involves inserting a compatible SIM card, powering on the device, and accessing the web-based configuration interface to customize settings and connect devices.

Is there a mobile app available for managing the Nighthawk M2?

Yes, NETGEAR typically provides a mobile app that allows you to monitor and manage your Nighthawk M2 Mobile Router from your smartphone or tablet, making it convenient to check data usage and adjust settings on-the-go.

References: [NETGEAR MR2100 Nighthawk M2 Mobile Router – Device.report](#)

Manuals+.