

**MERCUSYS®**

# 300Mbps Wireless N 4G LTE Portable Router

Model: MB113-4G



Easy  
Portability

Support  
Power Bank<sup>Δ</sup>

USB-C  
Powered<sup>Δ</sup>

300 Mbps  
Wi-Fi Speed<sup>†</sup>

Connect up to  
32 Devices<sup>†</sup>

Easy App  
Control

## Superfast 4G LTE Speed for Reliable Wi-Fi

Working as a 4G router, MB113-4G leverages 4G LTE technology to deliver download speeds of up to 150 Mbps and 50 Mbps upload. It can also share a Wi-Fi network with a max speed of 300 Mbps on 2.4 GHz for gaming, streaming, and more.



## Designed for Easy Portability

MB113-4G enables Wi-Fi sharing anywhere. It supports 5V power adapter and power banks<sup>^</sup>. Simply connect to power, insert a nano SIM card<sup>^</sup>, and enjoy instant, stable high-speed Wi-Fi.



### SIM Card Plug and Play<sup>s</sup>

Insert a nano SIM card into the built-in slot and turn on the router to share your 4G LTE network with multiple Wi-Fi devices.



### Parental Controls

Set effective policies to ensure your children enjoy safe and responsible internet access.



### Guest Network

Provides a separate network for guests to ensure your security and privacy.



### Data Settings

Set a maximum data limit to prevent overspending and monitor your monthly usage with the Monthly Data Statistics feature.



### Message Service

Set up the Message Center to access SMS features and receive alerts when nearing your data limit.



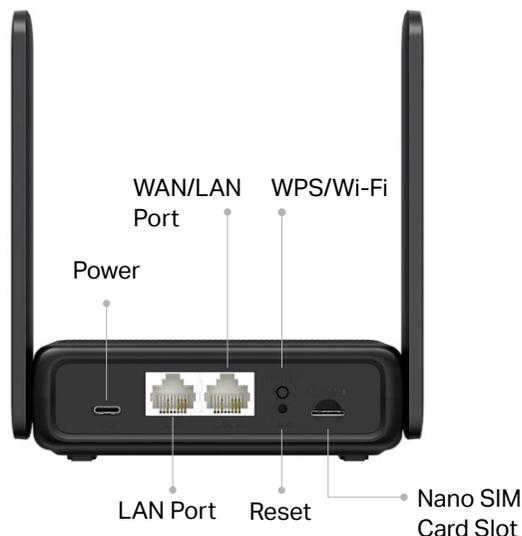
### Network Security

Limit devices connected to your network, continuously monitor traffic usage, and prevent network attacks.

## // Specifications

### Hardware

- **Ports:**
  - 1× 10/100 Mbps WAN/LAN Port + 1× 10/100 Mbps LAN Port
  - 1× USB-C charging port
  - 1× Nano SIM Card Slot
- **Buttons:**
  - 1× WPS/Wi-Fi Button
  - 1× Reset Button
- **Antennas:**
  - 2× External Non-detachable 4G LTE Antennas
  - 2× Internal Wi-Fi Antennas
- **Dimensions:**
  - 108 × 86.8 × 34 mm (4.25 × 3.42 × 1.34 inches)
- **External Power Supply:**
  - 5V/1.5A



### Wireless

- **Network Type (EU):**
  - FDD-LTE: B1/B3/B5/B7/B8/B20/B28 (2100/1800/850/2600/900/800/700 MHz)
  - TDD-LTE: B38/B40 (2600/2300 MHz)
  - HSPA+/UMTS: B1/B5/B8 (2100/850/900 MHz)
- **LTE: Download Speed 150 Mbps + Upload Speed 50 Mbps<sup>†</sup>**
- **Wireless Standards:** IEEE 802.11b/g/n
- **Frequency:** 2.4 GHz
- **Signal Rate:** 300 Mbps
- **EIRP (CE):** < 20 dBm (2.4 GHz)
- **Reception Sensitivity:**
  - 11b 11 Mbps: -87.5 dBm
  - 11g 54 Mbps: -74 dBm
  - 11n HT20 MCS7: -71 dBm
  - 11n HT40 MCS7: -69 dBm
- **Wireless Function:**
  - Enable/Disable Wireless Radio, Wireless Schedule, WMM, Wireless Statistics
- **Wireless Security:**
  - WPA-PSK / WPA2-PSK

## // Specifications

### Software

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- **Operating Modes:**  
3G/4G Router, Wireless Router
- **WAN Type:**  
Dynamic IP/Static IP/PPPoE/PPTP(Dual Access)/L2TP(Dual Access)
- **DHCP:**  
Server, DHCP Client List, Address Reservation
- **Port Forwarding:**  
ALG, Virtual Server, Port Triggering, UPnP, DMZ
- **Dynamic DNS:**  
DynDns, NO-IP
- **Security:**  
IPv4 SPI Firewall, IPv6 Firewall, IP and MAC Address Binding
- **Protocols:**  
IPv4, IPv6
- **Management:**  
Local Management, Remote Management
- **Administration:**  
Upgrade Firmware, Factory Default, System Log, Diagnostic Tools
- **Guest Network:**  
2.4 GHz Guest Network

### Others

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- **Certification:**  
CE
- **Requirements:**  
Internet Explorer 11+, Firefox 12.0+, Chrome 20.0+, Safari 4.0+, or other JavaScript-enabled browser  
Nano SIM Card
- **Environment:**  
Operating Temperature: 0°C~40°C (32°F~104°F)  
Storage Temperature: -40 °C~60 °C (-40 °F~140 °F)  
Operating Humidity: 10%~90% Non-Condensing  
Storage Humidity: 5%~90% Non-Condensing
- **Package Contents**  
300 Mbps Wireless N 4G LTE Router MB113-4G  
Power Adapter  
RJ45 Ethernet Cable  
Quick Installation Guide

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†Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage, and quantity of connected devices are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

‡Maximum 4G download speeds depend on external factors such as the local 4G network coverage, data plan, real-time network capacity, client limitations, and environmental factors.

§SIM card sold separately. This device requires an activated SIM card without a PIN lock. If the SIM is locked, please consult the Quick Installation Guide for unlocking instructions.

△This product supports 5V input only. Use of 9V or other voltages cause product failure or safety risks. Always use a compatible power source.