

# 300Mbps Wireless N 4G LTE Router

Model: MB115-4G



**SIM Card**  
**Plug & Play**

## // Highlights



4G(TDD&FDD)  
/3G Compatible



300 Mbps  
Wi-Fi Speed†



Connect up to 32  
Devices†



4× External  
Antennas



Easy App  
Control



Download on the  
App Store



GET IT ON  
Google Play



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

Working as a 4G router, MB115-4G leverages 4G LTE technology to deliver download speeds of up to 150 Mbps and 50 Mbps upload.



Remote Areas



On Vacation



Business Meetings

### Ideal Scenarios

## // Features



#### Design for Maximum Network Coverage

Advanced external antennas ensure efficient, stable connections for all your devices. Even in places where network cables cannot reach, you can convert the received 4G LTE signal into a Wi-Fi network covering your entire home.



#### Share Wi-Fi with Ease

Effortlessly share a 3G/4G connection with up to 32 devices while maintaining stable and reliable network performance.



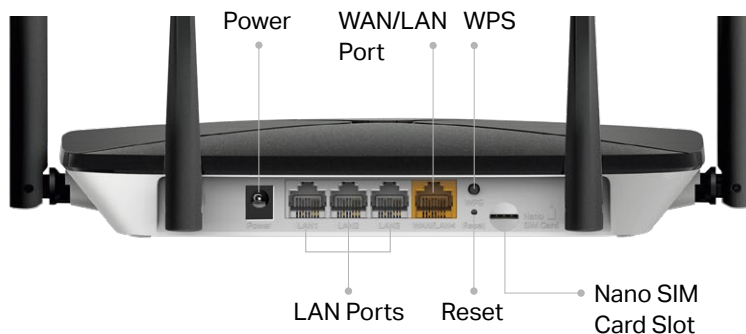
#### Reliable WAN Connection Backup

Equipped with a versatile LAN/WAN port, MB115-4G doubles as a router compatible with cable, fiber, and DSL modems, ensuring uninterrupted connectivity.

## // Specifications

### Hardware

- **LTE:**  
Download Speed 150 Mbps + Upload Speed 50 Mbps<sup>†</sup>
- **Ports:**  
1× 10/100 Mbps LAN/WAN Port + 3× 10/100 Mbps LAN Ports
- **Antennas:**  
4 External Antennas
- **Dimensions:**  
8.62 × 5.51 × 1.26 in (219 × 140 × 32 mm)
- **External Power Supply:**  
9V/0.85A



### Wireless

- **Network Type:**  
EU:  
4G: FDD-LTE B1/B3/B5/B7/B8/B20/B28  
(2100/1800/850/2600/900/800/700 MHz)  
TDD-LTE B38/B40 (2600/2300 MHz)  
3G: HSPA+/HSPA/UMTS B1/B5/B8 (2100/850/900 MHz)  
CN:  
4G: FDD-LTE: B1/B3/B5/B8 (2100/1800/850/900 MHz)  
TDD-LTE: B38/B40 (2600/2300 MHz)  
3G: HSPA+/HSPA/UMTS B1/B5/B8 (2100/850/900 MHz)
- **Wireless Standards:** IEEE 802.11b/g/n
- **Frequency:** 2.4 GHz
- **Signal Rate:** 300 Mbps
- **EIRP (CE):** < 20 dBm (2.4 GHz)
- **Reception Sensitivity:**  
11g 54M: -74dBm  
11N HT20 MCS7: -73dBm  
11N HT40 MCS7: -70dBm
- **Wireless Function:**  
Enable/Disable Wireless Radio, Wireless Schedule, WMM, Wireless Statistics
- **Wireless Security:**  
64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions

## // Specifications

### Software

---

- **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

---

- **Certification:**  
CE, RoHS
- **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)
- **Package Contents**  
300 Mbps Wireless N 4G LTE Router MB115-4G  
Power Adapter  
RJ45 Ethernet Cable  
Quick Installation Guide

© 2025 MERCUSYS

†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.