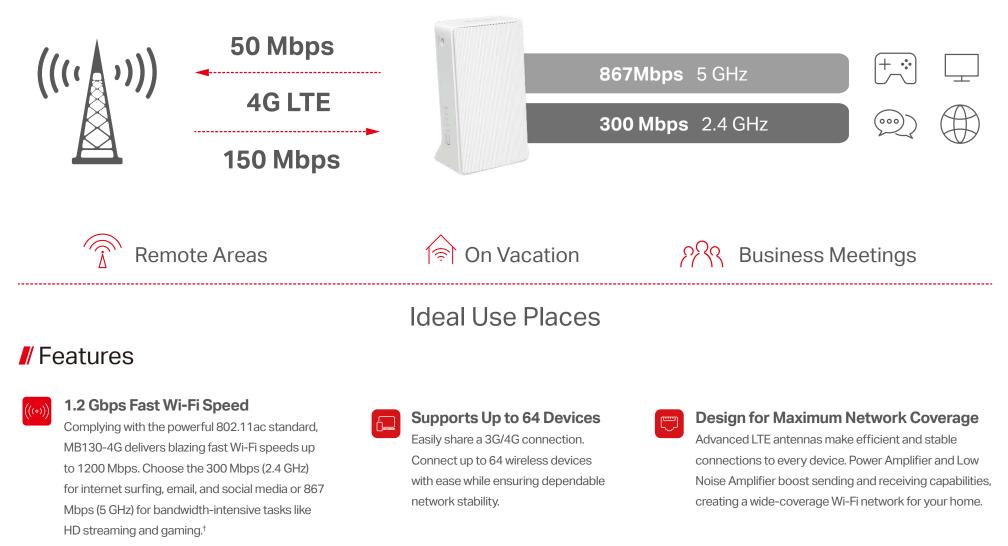


SIM Card Plug & Play



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

Working as a 4G router, the MB130-4G uses 4G LTE technology to achieve superfast speeds up to 150 Mbps download and 50 Mbps upload. It can also share a Wi-Fi network for gaming, streaming, and more.<sup>‡</sup>



# **MERCUSYS**°

## Specifications

### Hardware

#### • LTE:

Download Speed 150 Mbps +Upload Speed 50 Mbps<sup>‡</sup>

• Ports:

1× 10/100 Mbps LAN/WAN +1× 10/100 Mbps LAN 2×4G/3G External Antenna Ports

Antennas:

2 Internal 4G LTE Antennas

• Dimensions:

3.74 × 2.40 × 6.53 in (95 × 61.05 × 165.97 mm)

• External Power Supply:

12V/1A



### 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+/UMTS: B1/B5/B8 (2100/850/900 MHz)
- Wireless Standards: IEEE 802.11ac/a/b/g/n<sup>+</sup>
- Frequency: 2.4 GHz, 5 GHz
- Signal Rate: 867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- 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, Smart Connect

• 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:

IPv6 Firewall, DoS Protection, IPv4 SPI 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, 5 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
 AC1200 Wireless Dual Band 4G LTE Router MB130
 Power Adapter
 RJ45 Ethernet Cable
 Quick Installation Guide

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<sup>†</sup>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. <sup>‡</sup>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. Actual network speed may be limited by the rate of the product's Ethernet WAN or LAN port, the rate supported by the network cable, internet service provider factors, and other environmental conditions.