**ComX Computers**
Product Specification Sheet

# MB135-4G

Mercusys MB135-4G AC1200 Wireless Dual Band 4G LTE Router

## Product Overview

Mercusys MB135-4G AC1200 Wireless Dual Band 4G LTE Router; 4G LTE Cat 4; up to 150 Mbps download; up to 50 Mbps upload; 300 Mbps 2.4 GHz; 867 Mbps 5 GHz; Nano SIM; up to 64 Wi-Fi devices; 1 x WAN/LAN; 3 x LAN; detachable LTE antennas; 219 x 140 x 32 mm












## Specifications

### About this product

The Mercusys MB135-4G AC1200 Wireless Dual Band 4G LTE Router provides fast and flexible internet access using a Nano SIM card and 4G LTE connectivity, with download speeds up to 150 Mbps. It delivers dual-band Wi-Fi speeds up to 300 Mbps on 2.4 GHz and 867 Mbps on 5 GHz, supports up to 64 Wi-Fi devices, and includes detachable 4G LTE antennas for reliable wireless coverage. Buy now from our website for a flexible home, office, remote work or temporary internet solution.

### Overview Summary

The Mercusys MB135-4G is an AC1200 dual-band 4G LTE router designed to provide internet access without requiring a fixed broadband connection. Insert a Nano SIM card to share a 4G LTE connection with computers, smartphones, tablets, smart devices and other compatible equipment. The 4G LTE modem supports download speeds up to 150 Mbps and upload speeds up to 50 Mbps.

Wireless networking is provided through simultaneous 2.4 GHz and 5 GHz Wi-Fi, with up to 300 Mbps on 2.4 GHz and 867 Mbps on 5 GHz. Four external antennas help provide stable wireless connectivity, while the detachable LTE antennas can be replaced with higher-power alternatives for enhanced 4G LTE signal strength and coverage. The router also includes a WAN/LAN port and three LAN ports for wired networking.

**Performance tier:**Mid-range 4G LTE AC1200 router

**Uses:**Home internet, home office, remote work, temporary internet, holiday homes, small offices, backup internet

### Description

The Mercusys MB135-4G AC1200 Wireless Dual Band 4G LTE Router is designed to provide a practical internet connection wherever compatible 4G LTE coverage is available. Instead of requiring a fixed broadband connection, the router uses a Nano SIM card to connect to a mobile network and share the connection with multiple devices over Wi-Fi or Ethernet.

4G LTE Cat 4 technology provides download speeds up to 150 Mbps and upload speeds up to 50 Mbps. The router supports dual-band AC1200 Wi-Fi, providing wireless speeds up to 300 Mbps on the 2.4 GHz band and up to 867 Mbps on the 5 GHz band. This allows compatible devices to use the appropriate wireless band for everyday browsing, email, social media, streaming and other network activities.

The MB135-4G has four external antennas in total, including two detachable 4G LTE antennas and two external Wi-Fi antennas. The detachable LTE antennas provide flexibility where additional 4G signal coverage is required. The router can support up to 64 Wi-Fi devices, although the recommended client limit is 32 devices.

For wired networking, the router provides one 10/100 Mbps WAN/LAN port and three 10/100 Mbps LAN ports. The WAN/LAN port also allows the router to operate in Wi-Fi router mode when an Ethernet internet connection is available, providing an alternative connection method.

Network management features include guest networks, parental controls, data statistics, data limits, messaging, wireless scheduling, WPS, QoS, access control and firewall functions. The router can be managed through the MERCUSYS app or its web management interface.

### Features

The MB135-4G combines 4G LTE connectivity with AC1200 dual-band Wi-Fi in a desktop router designed for flexible internet access.

- 4G LTE Cat 4 connectivity with download speeds up to 150 Mbps
- 4G LTE upload speeds up to 50 Mbps
- Nano SIM card slot for mobile broadband connectivity

- AC1200 dual-band Wi-Fi
- Up to 867 Mbps Wi-Fi on the 5 GHz band
- Up to 300 Mbps Wi-Fi on the 2.4 GHz band
- Supports up to 64 Wi-Fi devices
- Recommended client limit of 32 devices
- 2 x external detachable 4G LTE antennas
- 2 x external Wi-Fi antennas
- 1 x 10/100 Mbps WAN/LAN port
- 3 x 10/100 Mbps LAN ports
- Wi-Fi router mode for Ethernet internet connections
- Smart Connect wireless function
- WPS support
- Guest network support for 2.4 GHz and 5 GHz
- Parental controls with time control and website filtering
- Data statistics and data limit functions
- SMS messaging support
- QoS support
- IPv4 SPI firewall and DoS protection
- Management through MERCUSYS app and web interface

**Plug Your Nano SIM Card and Play**
Fully compatible with FDD-LTE and TDD-LTE for use with most service providers worldwide. Insert a nano SIM card and turn on the router to convert your 4G LTE network into WiFi and share it with multiple WiFi devices.*

**WiFi Wherever You Need It**
Enjoy unparalleled convenience and versatility with fast, stable WiFi-perfect for home or remote work.

**Superfast 4G LTE Speed for Reliable WiFi**
Working as a 4G router, MB135-4G uses 4G LTE technology to achieve speeds up to 150 Mbps download and 50 Mbps upload. It can also share dual-band WiFi network speeds up to 867 Mbps on 5 GHz for bandwidth-intensive tasks like HD streaming and gaming and 300 Mbps on 2.4 GHz for internet surfing, email, and social media.

**Designed for Maximum Network Coverage**
Advanced external antennas deliver stable, efficient connections across all devices. LTE antennas can be replaced with high-power alternatives for enhanced 4G LTE signal strength and coverage.

**Share WiFi with Your Friends**
A remarkable number of wireless devices are compatible with this 4G router without any issues. Up to 64 simultaneous connections for tablets, laptops, mobile phones, and other devices

**Available WAN Connection Backup**
Equipped with a versatile LAN/WAN port, MB235-4G doubles as a router compatible with cable, fiber, and DSL modems, ensuring uninterrupted connectivity.

**Easy Setup and Management via the MERCUSYS App**
Set up and manage your WiFi through the MERCUSYS app from your smartphone (Android, iOS).

**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.

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

## What's in the Box

- Mercusys MB135-4G AC1200 Wireless Dual Band 4G LTE Router
- Power adapter
- RJ45 Ethernet cable
- Quick Installation Guide

## Specifications

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|---|---|
| **Specifications** | |
| **Product Code** | MB135-4G |
| **Cellular** | |
| **Cellular Standards** | Cat 4 |
| | 150/50 Mbps DL/UL |
| **Cellular Bands** | 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) |
| **SIM** | 1x Nano SIM Card Slot |
| **Wireless** | |
| **Wi-Fi Class** | AC1200 |
| **Wi-Fi (2.4 GHz)** | 300 Mbps |
| **Wi-Fi (5 GHz)** | 867 Mbps |
| **Wireless Standards** | IEEE 802.11ac/a/b/g/n |
| **Max Channel Width** | 80 MHz |

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| **Reception Sensitivity** | 11g 6 Mbps: -95 dBm |
| | 11g 54 Mbps: -77 dBm |
| | 11n HT20 MCS7: -74 dBm |
| | 11n HT40 MCS7: -71 dBm |
| | 11a 6 Mbps: -92 dBm |
| | 11a 54 Mbps: -75 dBm |
| | 11ac VHT20 MCS8: -70 dBm |
| | 11ac VHT40 MCS9: -65 dBm |
| | 11ac VHT80 MCS9: -61 dBm |
| **MAX Capacity** | 64 |
| **Recommended Clients Limit** | 32 |
| **Wireless Security** | WPA-PSK / WPA2-PSK |
| **Wireless Functions** | Smart connect |
| | WPS |
| | Wireless Schedule |
| | Wireless Clients Statistics |
| **Software** | |
| **Operation Modes** | 3G/4G Router |
| | Wireless Router |
| **Cellular Mode** | 4G Preferred |
| | 4G Only |
| | 3G Only |
| **Cellular APN** | Data Roaming |
| | Network Search |
| | Profile Create |
| | APN Settings |
| | ISP File Upgrade |
| | PIN Management |
| **WAN Mode** | Dynamic IP |
| | Static IP |
| | PPPoE |
| | PPTP |
| | L2TP |
| **DHCP** | Server |
| | DHCP Client List |
| | Address Reservation |

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| **NAT Forwarding** | ALG |
| | Virtual Server |
| | Port Triggering |
| | UPnP |
| | DMZ |
| **Protocols** | IPv4 |
| | IPv6 |
| **Data Settings** | Data Statistics |
| | Data Limit |
| **Guest Network** | 2.4 GHz Guest Network |
| | 5 GHz Guest Network |
| **Parental Controls** | Time Control |
| | Website Filtering |
| **DDNS** | DynDNS |
| | NO-IP |
| **SMS** | Inbox |
| | New Message |
| | Outbox |
| | Drafts |
| **QoS** | Yes |
| **Security** | IPv4 SPI Firewall |
| | DoS Protection |
| | Service Filtering |
| | Access Control |
| | IP & MAC Binding |
| | IPv6 Firewall |
| **ISP Feature** | TR-069 |

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| **System** | Time Settings |
| | LED Control |
| | Diagnostics |
| | Firmware Upgrade |
| | Backup&Restore |
| | Reboot |
| | Administration |
| | System Log |
| | CWMP Settings |
| | SNMP Settings |
| | Traffic Monitor |
| **LED Management** | LED Control |
| | Night Mode |
| **Device Management** | MERCUSYS APP |
| | Web GUI |
| **Cloud** | Firmware Upgrade over the Cloud |
| | Remote Management |
| **Language** | English |
| | German |
| | Spanish |
| | Greek |
| | French |
| | Italian |
| | Polish |
| | Indonesian |
| | Russian |
| | Thai |
| **Hardware** | |
| **Dimensions (W X D X H)** | 219 x 140 x 32 mm |
| | (8.62 x 5.51 x 1.26 in) |
| **Interfaces** | 1x FE LAN/WAN Port |
| | 3x FE LAN Ports |
| | 1x Nano SIM Card Slot |
| **Antenna** | 2 External Detachable 4G LTE Antennas |
| | 2 External Wi-Fi Antennas |
| **Button** | 1xWPS/Wi-Fi Button |
| | 1xReset Button |

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| **External Power Supply** | 12V/1A |
| **Installation** | Desktop |
| **LED** | 1x POWER |
| | 1x Internet |
| | 1x LAN |
| | 3x Signal |
| **Retail Package Dimension** | 303 x 288 x 65 |
| **Units per Carton** | 10 |
| **Carton Dimension** | 590 x 315 x 340 |
| **Others** | |
| **Certifications** | CE |
| **Network Services Enabled by Default** | Web Server |
| | Manage and configure device through web (HTTP/HTTPS) |
| | Port: 80/443 Protocol: TCP |
| | DHCP Server |
| | IP address assignment (DHCP) |
| | Port: 67 Protocol: UDP |
| | App management |
| | Manage and configure device through app |
| | Port: 20001 Protocol: TCP |
| | Port: 20002 Protocol: UDP |
| **Package Contents** | AC1200 Wireless Dual Band 4G LTE Router (MB135-4G) |
| | Power Adapter |
| | RJ45 Ethernet Cable |
| | Quick Installation Guide |
| **Environment** | Operating Temperature: 0 degreesC~40 degreesC (32 degreesF~104 degreesF) |
| | Storage Temperature: -40 degreesC~60 degreesC (-40 degreesF~140 degreesF) |
| | Operating Humidity: 10%~90% Non-Condensing |
| | Storage Humidity: 5%~90% Non-Condensing |

## FAQ

### What is the Mercusys MB135-4G?

The Mercusys MB135-4G is an AC1200 dual-band wireless router with an integrated 4G LTE modem that uses a Nano SIM card to provide internet access.

### What 4G speeds does the MB135-4G support?

The 4G LTE Cat 4 modem supports download speeds up to 150 Mbps and upload speeds up to 50 Mbps.

### What Wi-Fi speeds does the Mercusys MB135-4G provide?

The router provides up to 300 Mbps on the 2.4 GHz band and up to 867 Mbps on the 5 GHz band.

### How many devices can connect to the MB135-4G?

The MB135-4G can support up to 64 Wi-Fi devices, with a recommended client limit of 32 devices.

### What type of SIM card does the MB135-4G use?

The router uses one Nano SIM card. The SIM card must be unlocked for use with the router.

### Does the MB135-4G have Ethernet ports?

Yes. It has 1 x 10/100 Mbps WAN/LAN port and 3 x 10/100 Mbps LAN ports for wired network connections.

### Can the MB135-4G be used without a 4G connection?

Yes. The WAN/LAN port supports Wi-Fi router mode, allowing the router to use an Ethernet internet connection when a 4G connection is unavailable.

### Does the MB135-4G support 5 GHz Wi-Fi?

Yes. The router supports 5 GHz Wi-Fi with wireless speeds up to 867 Mbps.

### Does the MB135-4G have detachable antennas?

Yes. It has 2 x external detachable 4G LTE antennas and 2 x external Wi-Fi antennas.

### Where can the Mercusys MB135-4G be used?

The router is suitable for homes, home offices, remote work locations, temporary stores, small offices, holiday homes and other locations with compatible 4G LTE network coverage.

### Does the MB135-4G support parental controls?

Yes. Parental control features include time control and website filtering.

### Can the MB135-4G create a guest Wi-Fi network?

Yes. The router supports separate guest network functionality for both the 2.4 GHz and 5 GHz Wi-Fi bands.

### How is the MB135-4G managed?

The router can be managed using the MERCUSYS app or its web-based management interface.

## Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

**Product page:**
**https://www.comx-computers.co.za/MB135-4G-Mercusys-MB135-4G-AC1200-Wireless-Dual-Band-4G-LTE-Router-p-340474.php**

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