ComX Computers
Product Specification Sheet

NET-MER-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	NET-MER-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

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

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

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

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/NET-MER-MB135-4G-Mercusys-MB135-4G-AC1200-Wireless-Dual-Band-4G-LTE-Router-p-340379.php

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