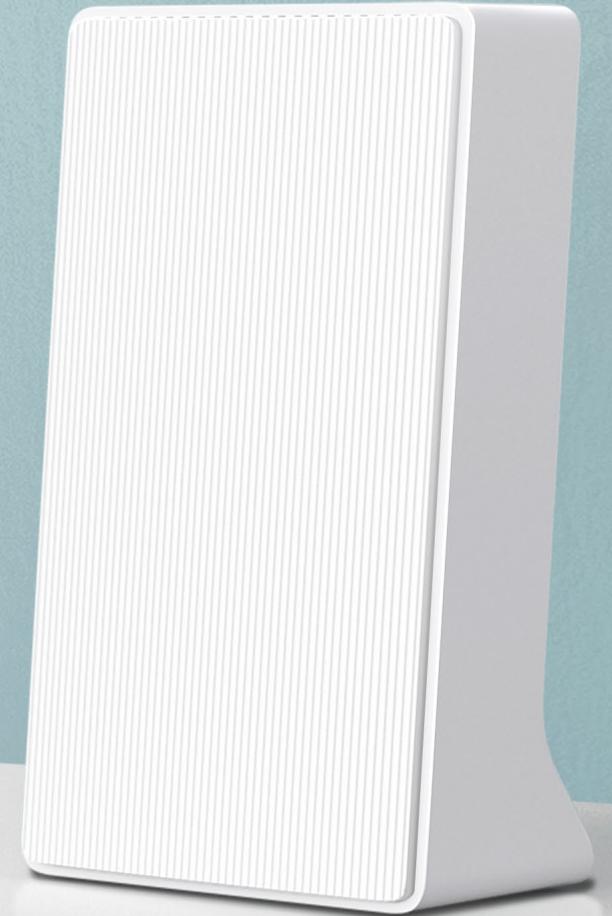


MERCUSYS®

Easy Mesh
Compatible

4G+ Cat6 AC1200 Wireless Dual Band Gigabit Router

Model: MB230-4G



867 Mbps + 300 Mbps
Dual Band Wi-Fi†

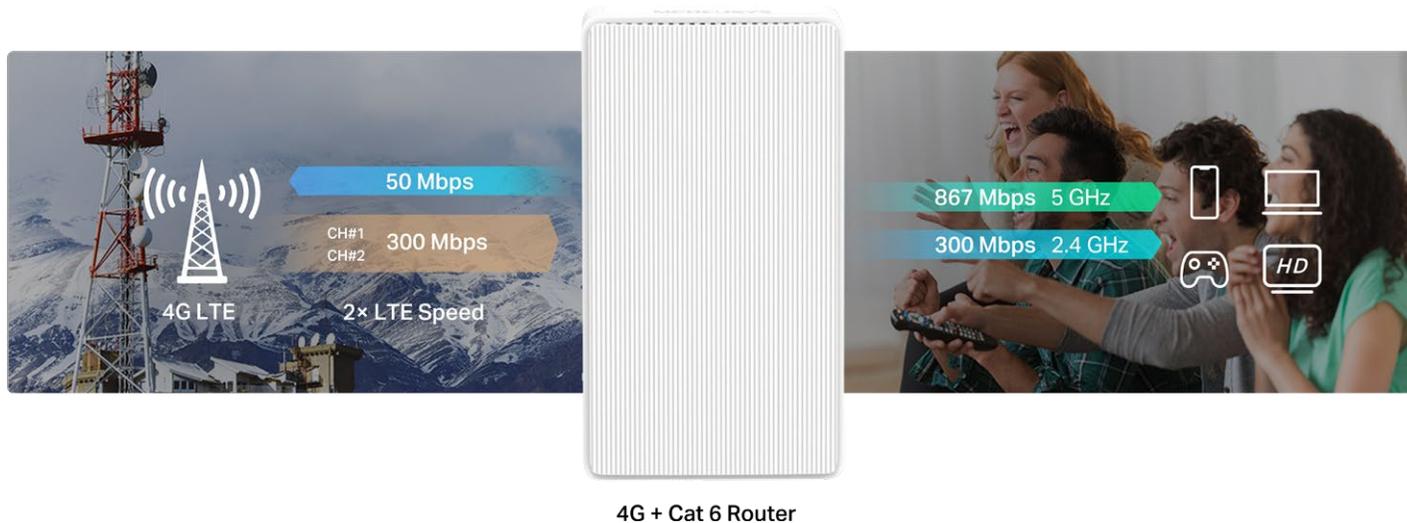
Full Gigabit
Ports

Connect up to
64 Devices†

Easy App
Control

Extra Fast 4G+ Cat 6 Speed for Reliable Wi-Fi

MB230-4G supports 4G+ Cat 6 with Carrier Aggregation, delivering superfast LTE speeds up to 300 Mbps download and 50 Mbps upload. It can also share a dual band 1200 Mbps Wi-Fi network for gaming, streaming, and more.*†



// Features



1.2 Gbps Fast Wi-Fi Speed

Complying with the powerful 802.11ac standard, MB230-4G delivers blazing fast Wi-Fi speeds up to 1200 Mbps. Choose 300 Mbps (2.4 GHz) for internet surfing, email, and social media or 867 Mbps (5 GHz) for bandwidth-intensive tasks like HD streaming and gaming.



Designed for Maximum Network Coverage

Advanced internal LTE antennas ensure fast, stable connections for all your devices, and external antenna ports enable connecting external antennas for wider coverage. Even in areas without network cables, the powerful 4G LTE signal seamlessly transforms into a Wi-Fi network that blankets your entire home.



Supports up to 64 Devices

Effortlessly convert a 3G/4G signal into Wi-Fi and share it with up to 64 devices while maintaining stable and reliable network performance.



Available WAN Connection Backup

With a fully functional LAN/WAN port, MB230-4G doubles as a router, supporting cable, fiber, and DSL modems for uninterrupted connectivity.

// Specifications

Hardware

- **Interfaces:**
 - 1× Gigabit LAN/WAN Port + 1× Gigabit LAN Port
 - 2× 4G/3G External Antenna Ports
 - 1× Nano SIM Card Slot
- **Dimensions:**
 - 95 × 61.05 × 165.97 mm (3.74 × 2.40 × 6.53 inches)
- **External Power Supply:**
 - 12V/1A



Wireless

- **LTE:**
 - Download Speed 300 Mbps + Upload Speed 50 Mbps[†]
- **Network Type (EU):**
 - FDD-LTE: B1/B3/B5/B7/B8/B20/B28 (2100/1800/850/2600/900/800/700 MHz)
 - TDD-LTE: B38/B40/B41 (2600/2300/2500 MHz)
 - DC-HSDPA/HSPA+/UMTS: B1/B5/B8 (2100/850/900 MHz)
- **Signal Rate:** 867 Mbps (5 GHz) + 300 Mbps (2.4 GHz), compatible with IEEE 802.11ac/a/b/g/n[†]
- **Frequency:** 2.4 GHz, 5 GHz
- **EIRP (CE):**
 - 2.4 GHz < 20dBm
 - 5 GHz < 23dBm
- **Reception Sensitivity:**
 - 11g 6Mbps: -95dBm
 - 11g 54Mbps: -77dBm
 - 11n HT20 MCS7: -74dBm
 - 11n HT40 MCS7: -71dBm
 - 11a 6Mbps: -92dBm
 - 11a 54Mbps: -75dBm
 - 11ac VHT20 MCS8: -70dBm
 - 11ac VHT40 MCS9: -65dBm
 - 11ac VHT80 MCS9: -61dBm
- **Wireless Function:**
 - Enable/Disable Wireless Radio, Wireless Schedule, WMM, Smart Connect
- **Wireless Security:**
 - WPA-PSK / WPA2-PSK / WPA3-SAE

// Specifications

Software

- **WAN Type:**
Dynamic IP/Static IP/PPPoE/PPTP/L2TP
- **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, 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)
Storage Temperature: -40°C~60°C (-40°F~140°F)
Operating Humidity: 10%~90% Non-Condensing
Storage Humidity: 5%~90% Non-Condensing
- **Package Contents**
4G+ Cat6 AC1200 Wireless Dual Band Gigabit Router (MB230-4G)
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.

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.