

4G+ Cat 6 AC1200 Wireless Dual Band Gigabit Router



Model: MB230-4G















867 Mbps + 300 Mbps Dual Band Wi-Fi[†]

4G Download Speed up to 300 Mbps[‡]

SIM Card Plug and Play Easy App Control

Connect up to 64 Devices[†]











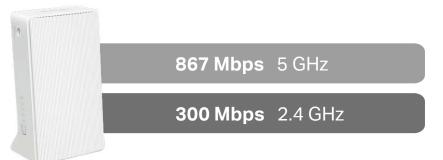


Extra Fast 4G+ Cat 6 Speed for Reliable Wi-Fi

MB230-4G supports the 4G+ Cat 6, which uses Carrier Aggregation technology, to achieve 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.[‡]





















Business Meetings

Ideal Use Places

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 the 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.[†]



Supports Up to 64 Devices

Easily share a 3G/4G connection.

Connect up to 64 wireless devices with ease while ensuring dependable network stability.



Design for Maximum Network Coverage

Advanced LTE antennas make efficient and stable connections to every device. Power Amplifier and Low Noise Amplifier boost sending and receiving capabilities, creating a wide-coverage Wi-Fi network for your home.



Specifications

Hardware

• LTE:

Download Speed 300 Mbps +Upload Speed 50 Mbps[‡]

Ports:

1× Gigabit Mbps LAN/WAN Port +1× Gigabit Mbps LAN Port

Antennas:

2 Internal 4G LTF Antennas

• Dimensions:

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

• External Power Supply:

12V/1A



Wireless

• Network Type (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)

DC-HSPA+/HSPA+/UMTS: B1/B5/B8 (2100/850/900 MHz)

- Wireless Standards: IEEE 802.11ac/n/a 5 GHz, IEEE 802.11b/g/n 2.4 GHz[†]
- Frequency: 2.4 GHz, 5 GHz
- Signal Rate: 867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)
- EIRP (CE):

2.4 GHz < 20dBm (EIRP)

5 GHz < 23dBm (EIRP)

• 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:

64/128-bit WEP, WPA/WPA2/WPA3, 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, 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

4G+ Cat 6 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.