4G+ Cat 6 AC1200 Wireless Dual Band Gigabit Router

Model: MB230-4G

SIM Card Plug & Play

// Highlights

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†

Download on the App Store

GET IT ON Google Play

// 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.[†‡]

50 Mbps

CH#1
300 Mbps
CH#2

867 Mbps 5 GHz

300 Mbps 2.4 GHz

Remote Areas

On Vacation

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 LTE Antennas
- Dimensions:

  95 × 61.05 × 165.97 mm (3.74 × 2.40 × 6.53 in)
- External Power Supply:

  12V/1A

Nano SIM
Card Slot

LED

WPS / Reset

LAN Port

LAN/WAN Port

Power

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