EDIMAX
NETWORKING PEOPLE TOGETHER

4G LTE AC1200 Wi-Fi 5 Router

4G-7449AC

FEATURES

- **4G LTE Mobile Network**: Supports LTE-FDD, LTE-TDD, WCDMA, and GSM/EDGE
- **Wi-Fi 5 AC1200 High-Speed**: Max. Wi-Fi speed up to 1167Mbps (2.4GHz at 300Mbps and 5GHz at 867Mbps)
- **Reliable Failover**: Automatic failover between 4G LTE (supports Dual-SIM cards) and wired Ethernet
- **Efficient MU-MIMO**: Simultaneously serves multiple devices for data transmission with improved wireless connection capacity
- **High Performance Wi-Fi**: Beamforming, AirTime Fairness, Band Steering, and 802.11r/k Fast Roaming enhance Wi-Fi performance
- **Best Compatibility and Performance**: Equipped with a Qualcomm solution and backward compatible with 3G networks
- **Powerful Management Features**: Supports essential network management features for business users to optimize the network performance
- **Plug-and-Play, Flexible Deployment**: Equipped with wall-mounted hole for wall-mounted or desktop placement

OVERVIEW

The EDIMAX 4G-7449AC 4G LTE Wi-Fi router offers both wireless and wired internet connections using 4G LTE, eliminating the need for fixed broadband. By inserting a SIM card, it connects to the 4G LTE network, making it ideal for areas without fixed broadband or requiring mobile or non-stop connectivity.

Designed for business users, the 4G-7449AC features a built-in EC25 solution (Qualcomm® MDM9207) for reliability, compatibility, and high performance. Features include wireless/wired connectivity, strong mobility, multi-device support, easy installation, and backup connectivity in case of fixed broadband outages.

Wi-Fi 5 AC1200 technology provides faster speeds and greater coverage, offering speeds up to 300Mbps on 2.4GHz and 867Mbps on 5GHz, making it suitable for streaming and video conferencing. Reliable, durable, flexible, scalable, and secure, the router is ideal for temporary use, frequent movement, or non-stop connectivity. Providing stable internet service with a backup network makes it an efficient networking solution.

Rapid Internet Deployment for Both Wi-Fi & Wired Connectivity

The rapid deployment advantage of 4G LTE routers eliminates the need for wired broadband installation. Simply purchase and insert a SIM card for plug-and-play convenience, and an internet connection is established. By accessing the 4G LTE mobile network through a SIM card, it provides stable wireless and wired internet connections, suitable for various network needs. For mobile users, as long as there is 4G LTE signal coverage, internet access is easily attainable. Its flexibility and convenience make it particularly suitable for temporary use or frequent movement, ideal for temporary offices, events, activities, or locations without wired broadband service.

Reliable Failover for Continuous Connectivity

Network stability is crucial for business users. The 4G-7449AC, designed for enterprises and SMEs, uses the EC25 solution (Qualcomm® MDM9207) for reliability, compatibility, and high performance. It features two SIM card slots, automatically switching to SIM2 if SIM1 disconnects. Fixed broadband and 4G LTE can also backup each other. This is vital for users needing uninterrupted network service, like payment system, online meetings, remote work, and video streaming. In emergencies, such as natural disasters or construction damage that disrupt fixed broadband, the 4G LTE router provides emergency network support, ensuring critical communications and data transfers remain uninterrupted.

Powerful Management Tool for Network Optimization

Designed for business networks, the 4G-7449AC offers network managed functions with advanced essential features such as Blacklist/Whitelist, TTL (Time To Live), VPN Client (L2TP and PPTP), Guest Wi-Fi Isolation, Network Diagnosis, Hidden SSID, Port Forwarding, Access Control, Internet Priority (Cellular Only or Wired to Cellular), and more. Experience fast and easy operations with just a few simple clicks, through the user-friendly web-based management utility, your network is ready to use with ease.

SPECIFICATIONS

HARDWARE

Interface	• 1 x RJ45 10/100Base-T WAN Port • 3 x RJ45 10/100Base-T LAN Ports • 2 x Standard SIM Card Slots
Button	Reset Button
LED Indicator	• Power/SYS: System Power Status • 4G: Signal Strength • SIM1: SIM Card Inserted Status • SIM2: SIM Card Inserted Status
Antenna	4 x External High Gain Antennas • 2 x 4G LTE Antennas • 2 x Wi-Fi 2.4GHz/5GHz Antennas
Power Requirement	DC: 12V/1A
Power Consumption	10W (Full Loading)
Mounting	Wall Mount/Desktop
Housing	Metal Case
Dimensions	230 (W) x 148 (D) x 28 (H) mm (Antenna not included) (9.06 (W) x 5.83 (D) x 1.10 (H) inches)
Weight	910g (2.01lb)

WI-FI

Standard	Wi-Fi 5 IEEE 802.11a/b/g/n/ac
Frequency Band	• 2.4GHz: 2.412 ~ 2.472GHz • 5GHz: 5.180~5.240GHz *Subject to local regulations.
Maximum Data Speed	• 2.4GHz: 300Mbps • 5GHz: 867Mbps
Operation Channels	• 2.4GHz : CH 1-13 • 5GHz : CH36-64, 100-144, 149-165
Concurrent Clients	Up to 128 Clients • 2.4GHz: Up to 64 Clients • 5GHz: Up to 64 Clients

SECURITY

Encryption	WPA2-AES/WPA
Hidden SSID	Supported
Guest Wi-Fi (Isolation)	Supported

CELLULAR

Band	• **LTE-FDD**: Bands B1, B3, B7, B8, B20, B28A • **LTE-TDD**: Bands B38, B40, B41 • **WCDMA**: Bands B1, B8 • **GSM/EDGE**: Bands B3, B8
PHY Data Rate (Max.)	• **LTE-FDD** Download: 150Mbps / Upload: 50Mbps • **LTE-TDD** Download: 130Mbps / Upload: 30Mbps • **DC-HSPA+** Download: 42Mbps / Upload: 5.76Mbps • **WCDMA** Download: 384Kbps / Upload: 384Kbps • **EDGE** Download: 296Kbps / Upload: 236.8Kbps • **GPRS** Download: 107Kbps / Upload: 85.6Kbps

SOFTWARE

Port Forwarding	Supported
Network Diagnosis	Supported
VPN Client	Supported L2TP and PPTP
Whitelist/ Blacklist	Supported
TTL (Time To Live)	Supported
Internet Priority	Supported • Cellular Only • Wired to Cellular
Auto Channel Adjustment	Supported

Management	• Account Management (Access Control)
	• Scheduling Restart
	• Backup/Recovery
	• LED Control
	  - On/Off
	  - Schedule On/Off
	• SSH Control
	• Custom DNS
	• Custom APN

OTHERS

Environmental Condition	Temperature: • Operating: 0 ~ 40℃ (32°F ~ 104°F) • Storage: -40 ~ 70℃ (-40°F ~ 158°F) Humidity: • Operating: 10 ~ 90% (Non-condensing) • Storage: 10 ~ 90% (Non-condensing)
Certification	CE