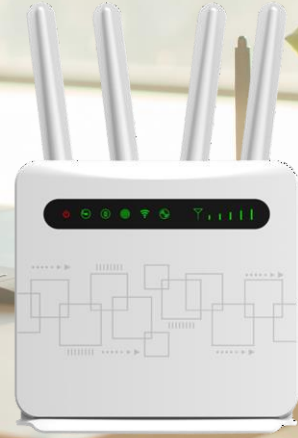


5G 5G NSA & SA

ax AX 3000Mbps



A811M

5G CPE

Key Features

Key Benefits

- 5G NR
- WiFi6

High Rate Wi-Fi 6

- AX 3000Mbps
- MIMO

High Performance

- NSA: 4.67Gbps (DL)/825Mbps (UL)
- SA: 4.67Gbps (DL)/1.25Gbps (UL)
- LTE: 1.6Gbps (DL)/211Mbps (UL)
- WCDMA: 42.4Mbps (DL)/5.76Mbps (UL)

Security assurance

- Stable firewall
- Multiple filtering rules
- Multiple security protocols
- Support backup of configuration files
- Online upgrade

Ideal Use Scenario

- Home
- Enterprise
- Shop, Store

Overview

A811M is a high-performance and affordable CPE that supports 5G NR and WiFi6 technology. It

Implemented the conversion of 5G NR/LTE wireless data to wired Ethernet data. It

Supports 802.11ax 3000Mbps and can be used independently

High Performance

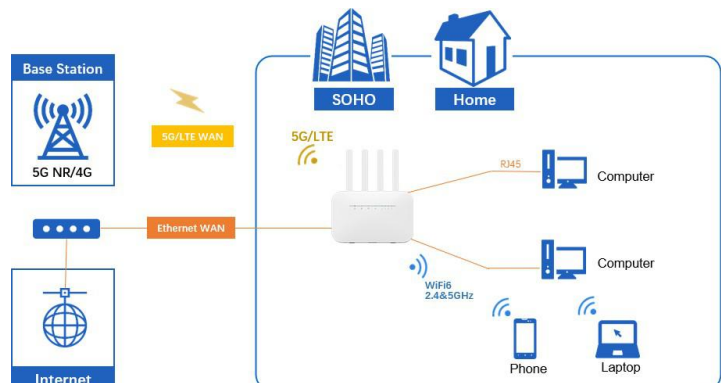
A811M supports global 5G NR/LTE networks with a maximum data rate of up to 4.67Gbps. WLAN supports the IEEE 802.11ax standard. Ax3000 WiFi

The data rate can easily provide high-definition videos, online games, and high-quality networks application program.

Versatility

A811M also support SMS, firewall, QoS, etc. It satisfies the multi-directional

requirements of users. Multiple management and maintenance methods (TR069/CLI/APP*) are convenient for checking and operating. The software online update tool will also constantly provide the upgrade of these functions.



A811M

5G CPE

Features & Specification

Platform

- * Chipset: MTK T750
- * Modem: MT6890V/AZA 2.0GHZ

5G NR/LTE Antennas

- * Internal 4*4 5G/LTE antennas
- * External 4*4 5G/LTE antenna
- * LB: 2dBi
- * MHB: 4dBi

Wi-Fi Antennas

- * Internal 2*2 2.4GHz antennas
- * Internal 3*3 5GHz antennas
- * Gain: 3dBi

Wireless Module

- * Automatic/Manual PLMN search
- * Dual Link backup
- * Traffic statistics
- * SMS

Quality of Service Control

- * Classification of service flow
- * Port/VLAN/ IP rate limitation

Management

- * WebUI local management
- * TR069 remote management
- * Universal Plug and Play (UPnP)
- * Online and local software upgrade

Network Protocols and Features

- * Operation modes: Bridge or Routed and NAT
- * Connection modes: PPPoE/DHCP/Static
- * IPv4, IPv6, IPv4/IPv6
- * DHCP IPv4/IPv6 server
- * Static (v4/v6) routing
- * ALG/DMZ/virtual server
- * ARP/ICMP/DNS proxy
- * NTP
- * VLAN

Wireless LAN

- * Support 2.4G 802.11 b/g/n
- * Support 5G 802.11 a/n/ac/ax
- * 20/40/80 MHz bandwidth (5GHZ)
- * Channel adaption
- * MSSID + Guest network
- * WPS: PBC/PIN modes
- * WPA/WPA2/WPA3 security
- * MU-MIMO & OFDMA

Security

- * Built-in firewall
- * Defense of DoS, ARP attacks/Port scan
- * MAC/Port filtering

Hardware Specification

Physical Interface

- * 1×USB2.0
- * 1×2.5G WAN/LAN port
- * 3×GE LAN port
- * 1×Power port
- * 1×SIM slot
- * eSIM (optional)

Button

- * WPS
- * Reset Button
- * Power Button

LED indicators

- * 5G NR indicator
- * 4G LTE indicator
- * 5G Wi-Fi indicator
- * 2.4G Wi-Fi indicator
- * Internet indicator
- * Power indicator

Physical specification

- * Dimensions:
- * Operating temperature: -10°C to 75°C
- * Storage temperature: -40°C to 70°C
- * Humidity: 5% – 95% (non-condensing)

Interface Diagram^①



A811M

5G CPE

Model Selection

Main Frequency Selection		
Model	area	Frequency Band ²
A811M-EU		5G NR NSA:n1/3/5 (71) ² /7/8/20/28/38/40/41/77/78 5G NR SA: n1/3/5(71) ² /7/8/20/28/38/40/41/77/ 78 LTE- FDD:B1/3/5 (71) ² /7/8/20/28/32 LTE-TDD: B38/40/41/42/43 WCDMA:B1/5 ² /8
A811M-NA		5G NR NSA:n2/5/7/12/25/38/41/48/66/71/77/78 5G NR SA: n2/5/7/12/25/38/41/48/66/71/77/78 LTE- FDD:B2/4/5/7/12/13/14/17/25/26/29/30/66/71 LTE-TDD: B38/41/42/43/48 WCDMA: -
A811M-LA		5G NR NSA:n2/5/7/28/66/78 5G NR SA: n2/5/7/28/66/78 LTE- FDD:B2/4/5/7/8/28/66 LTE-TDD: B42/43 WCDMA: B2/4/5
² optional		

Packing List

- 5G CPE
- Quick start Guide (warranty card)
- Power adapter
- CAT5E Ethernet cable

^① Pictures are for reference only.

^② For CA&ENDC bands, see CA&EN-DC_Features for details.