

# ML146

## 4G/3G/2G MODEM ROUTER

### 1. Features:

- **4G LTE CAT4 Connectivity:** Provides download speeds up to 150 Mbps and upload speeds up to 50 Mbps, ensuring fast and stable internet as a primary or backup connection.
- **Wi-Fi 6 Technology (AX300):** Offers wireless connectivity on the 2.4GHz band with speeds up to 287 Mbps, ensuring reliable Wi-Fi coverage throughout your space.
- **Concurrent User Support:** Capable of supporting up to 16 simultaneous users, making it ideal for homes or small offices.
- **Flexible Wired Connectivity:** Equipped with 4 Ethernet ports (10/100 Mbps) for auto-sensing and auto-MDI/MDIX connections to ensure versatile wired network options.
- **Comprehensive Security:** Ensures secure network connections with L3 firewalls, Network Address Translation (NAT), and DMZ.
- **Remote Management:** Supports TR-069 and enabling easy remote management and monitoring for service providers or administrators.



### 2. Description:

The 4G Modem gives you a simple LTE connectivity solution for your devices, avoiding disruptions in broadband. Simply connect this modem directly to your router, switch, or computer to provide an automatic 4G or 3G/2G broadband backup connection with download speeds of up to 150 Mbps. It is equipped with **Wi-Fi 6 (802.11ax) with AX300 performance class**, ensuring ultra-fast wireless performance and better network efficiency. In addition, the modem features **4 LAN ports** so that you can plug in and share the connection with all your wired and wireless devices. The 4G Modem is also compact, convenient, and simple to set up.

<b>Hardware Specification</b>	LTE Chipset: ASR Wi-Fi Chipset: AIC
<b>LTE Standard</b>	3GPP Release 9
<b>Button</b>	ON/OFF, WPS, Reset
<b>USIM</b>	1.8V/3V 2FF
<b>LTE Specification</b>	Category: 4 (150Mbps Downlink, 50Mbps Uplink) Antenna: 5dBi Internal – 2x2 MIMO
<b>Wi-Fi Specification</b>	Speed Rate: 2.4GHz (287Mbps) Antenna: Omni directional 5dBi internal Standards: 802.11b/g/n/ax
<b>Physical Ports</b>	4*ETH RJ45 LAN Port 10/100 Auto-Sensing, Auto-MDI/MDIX 1*SIM Card Holder
<b>Number of Concurrent Users</b>	16
<b>IP Index – Dual Stack</b>	IPv4/IPv6
<b>Operation Mode</b>	Router/NAT/Bridge
<b>TR069</b>	Support
<b>Cell Lock</b>	Support
<b>L3 Firewall</b>	Support
<b>NAT Mode</b>	Support
<b>DHCP</b>	Support
<b>Port Forward</b>	Support
<b>DMZ</b>	Support
<b>Multi APN</b>	Support
<b>SMS</b>	Support
<b>Web Base Management – GUI</b>	Support
<b>Working Frequency</b>	LTE-FDD: B1/B3/B5/B7/B8/B20 LTE-TDD: B38/B40/B41 UMTS/HSPA+: B1/B8 GSM/GPRS/EDGE: 900/1800MHz
<b>Working Environment</b>	Temperature Range: -20°C ~ +70°C
<b>Power</b>	Input Universal Range 100~240V AC, Output : 12V/1.0A DC
<b>Power Consumption</b>	<12W
<b>Case</b>	ABS Material, Plastic case

### 3. Specifications

Physical Features	205*170*50 mm
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