

4G LTE Portable MIFI Router M30



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1 .Overview

Yeacomm M30 Mobile WiFi is a high-speed packet access mobile hotspot. It is a multi-mode wireless terminal for SOHO (Small Office and Home Office) and business professionals.

M30 supports the following standards:

- *Long Term Evolution (LTE) Frequency Division Duplex (FDD) Time Division Duplex(TDD)
- *Dual Carrier High Speed Packet Access Plus (DC-HSPA+)
- *High Speed Packet Access Plus (HSPA+)
- *High Speed Uplink Packet Access (HSUPA)
- *High Speed Downlink Packet Access (HSDPA)
- *Universal Mobile Telecommunications System (UMTS)
- *Enhanced Data rates for Global Evolution (EDGE)
- *General Packet Radio Service (GPRS)
- *Global System for Mobile communications (GSM)

*M30 provides the following services:

- *LTE FDD packet data service
- *DC-HSPA+ packet data service
- *HSPA+/HSPA/UMTS packet data service
- *EDGE/GPRS packet data service
- *Short Message Service (SMS)

M30 is easy to use, you can connect the router with the USB interface of a computer, or connect via Wi-Fi. In the service area of the LTE FDD /DC-HSPA+ /HSPA+ / HSPA/UMTS or EDGE/GPRS/GSM network, you can surf the Internet and send/receive messages/emails. It is with battery, you can use it at home, in the office or the way to travel, sharing the wifi with your friends.

Pictures:




2. Technical Specifications

2.1 General Specification

No.	Feature	Description	Comments
	LTE BB ASIC	ZX297520V3E	ZTE
	LTE RF ASIC	ZX234220A1	ZTE
	Flash	1G bit	
	SDRAM	512M bit	
	WIFI	RTL8192ES	Realtek
	Ethernet LAN port	1*10/100 auto-sensing, auto-MDX	
	LED Indicators	Power/Internet/WIFI/Message/Battery	
	Button	Reset, WPS/WIFI, Power	
	Power supply	Input: Universal range 100~240VAC Output: 5V/1A	

Physical Size	Description
Size	105x60x18.5(mm)
Weight	165g

2.2 Unit Interface

Connector	Description
LAN – RJ45	The LAN port allows you to connect Modem to PC, can be set to WAN Mode.
USIM Slot	Support standard 1.8V /3.0V
BATTERY	Support LI-battery 3.7V/2600mAh
LED	 <p>1. Power 2. Internet 3. Wi-Fi 4. Message 5. Battery</p>

2.3 Radio Specification

Feature	Capability
Supported LTE Bands	FDD: 1/2/3/4/5/7/8/20 1/2/3/4/5/7/8/28 (Optional) TDD: 38/40/41 38/39/40/41 (Optional)
LTE MIMO	MIMO 2*2(1TX 2RX)
LTE Tx	1 Tx
LTE Output Power@25°C	23±2 dBm
LTE Antenna	2 Built-in Antennas
LTE Antenna Gain	2-3 dBi
LTE Peak Throughput	DL 150 Mbps UL 50 Mbps
Wi-Fi Frequency	2.4 GHz
Wi-Fi Output Power	15 dBm/2.4G
Wi-Fi Antenna	2 Build-in Antennas
Wi-Fi Antenna Gain	2-3 dBi
Wi-Fi Channel BW	20MHz, 40MHz
Wi-Fi MIMO	MIMO 2*2 (2TX 2RX)
Wi-Fi Concurrent Users	32

2.4 Software Specification

Spec	Description
Working mode	3g/4g
	4g only
	3g only
SMS	Read, Send and Receive SMS
SIM Card	PIN Management
	SIM card Authentication

Wi-Fi Protocol	IEEE 802.11 b/g/n (2.4 GHz)
VPN	Support
Statistics	Link Status (LAN)
	Transmit / receive traffic in packets
	Up Time
TR069	Support
IPV6	IPv6/IPv4 dual stack
Firmware Features	Allow Ping from WAN
	Allow HTTPs login from WAN
	HTTPs Login Port from WAN
	DMZ IP Address
	Support the Port forwarding
	Support the URL Filter
	Support the MAC Filter
Cell lock	Support
Carrier SIM Lock	Support
Work mode	NAT/Router mode

2.5 Environmental Specification

Feature	Capability
Operating Temperature	0°C~40°C
Storage Temperature	-20°C~70°C
Operating humidity	95% Maxton-condensing
Storage humidity	95% Maxton-condensing

2.6 Regulatory Specification

No.	Feature	Requirement Specification	Comments
1	Radio	CE	Follow CE regulatory
2	Safety	CE	Follow CE regulatory
3	EMC	CE	Follow CE regulatory

3. Packing list

Packing list of the M30 as follow:

Item	Quantity
4g mobile wifi	1
Rechargeable Battery (2600 mAh)	1
USB Cable	1
User manual	1
Gift box	1