

MaxComm

4G LTE/5G Router (V 1.05)

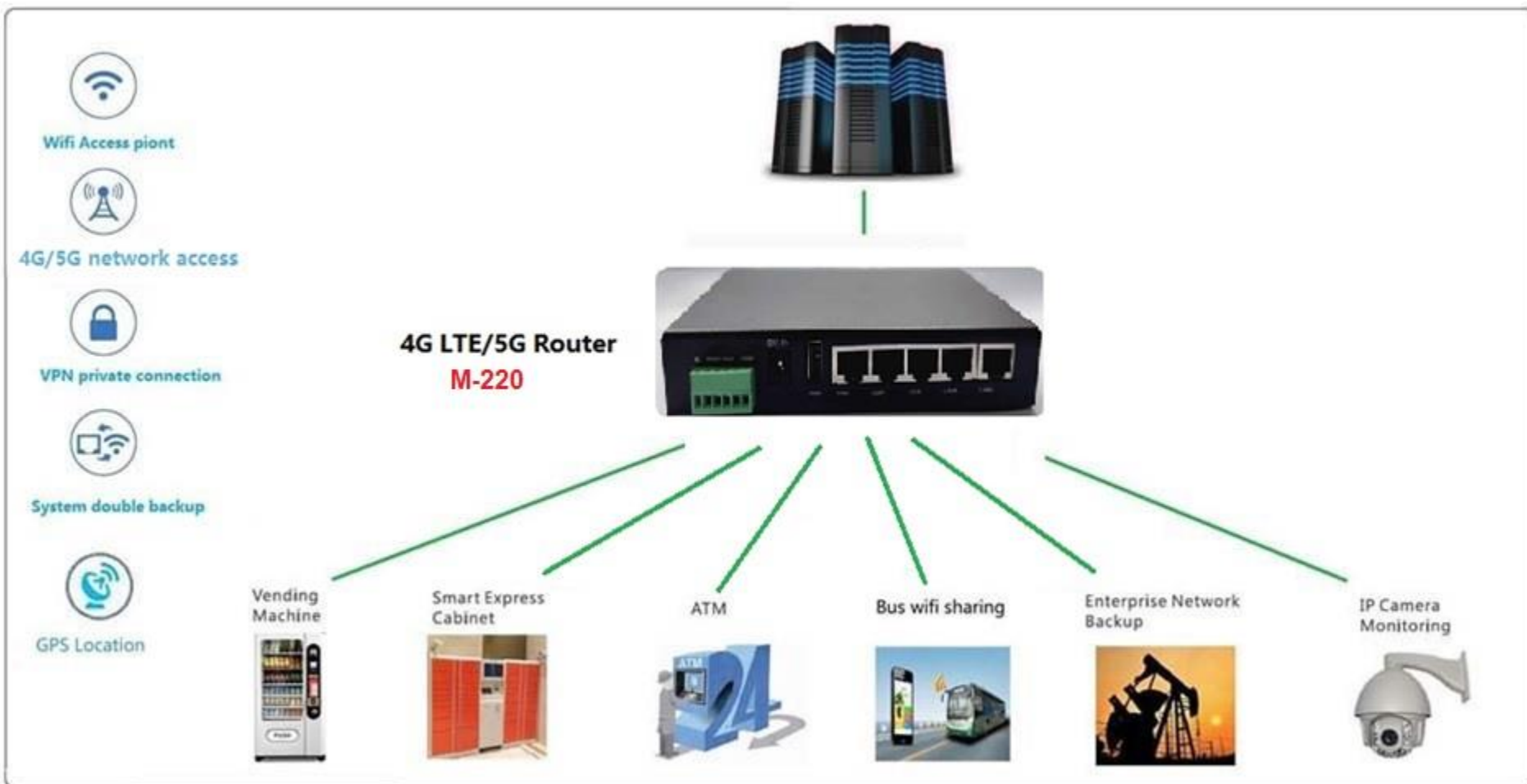
- 3G/4G LTE/5G data transmission.
- Power-on automatic network dialing.
- Built-in watchdog, system crashes self-recovery.
- Built-in link maintenance mechanism, data link dropped from self-recovery.
- 4*4 5G MIMO antenna.
- 2*2 MIMO 4G/WIFI antenna.
- Supports 3G/4G LTE,WIFI funtion.
- Supports GPS funtion(Optional).
- One WAN/Four LAN(1 Gbps) ports, Support VLAN,LAN Ethernet port.
- One console port, One USB port,RS232 or RS485 Interface.(Optional)
- SD data storage (Optional).
- With two SIM card slots, SIM card and network failure automatically switch.
- Remote management platform.
- Supports wifi 802.11AC, 1.2Gbit
- Supports 50 WiFi users sharing
- Firmware version: **Openwrt**



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Website: <https://www.4gltecpe.com/>, TEL: +886-2-82287758, E_mail: sales@maxcomm.com.tw

Application scenarios



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Product Specification

Item	Product specification
CPU	MTK7621A
MEMORY	FLASH 16MByte, DDR2 64MByte
Embedded system	Openwrt
Network	5G or FDD LTE,TDD LTE,WCDMA,EVDO,GPRS,GSM,CDMA 1X
WIFI	WIFI 802.11 AC, 1Gbitbps
Data rate	5G DL 7Gbps, UL 3Gbps
	4G LTE. CAT 4~ CAT 20 , DL 150M~2Gbps , UL 50Mbps ~150Mbps
	WCDMA HSPA+: DL 42Mbps, UL 5.76Mbps
	GPRS DL/UL 85.6Kbps
WIFI Tx Power	14 dBm (11g) · 17 dBm (11b) · 14dBm (11n)
WIFI Rx Sensitivity	<-70 dBm@54Mbps
2G/3G/4G/5G Transmitting Power	GSM/GPRS: Class 4 (2W): GSM850 、EGSM900 Class 1 (1W): DCS1800 、PCS1900
	EDGE: Class E2 (0.5W): GSM850 、EGSM900 Class E1 (0.4W): DCS1800 、PCS1900
	UMTS: Class 3 (0.25W): WCDMA Class 3 (0.25W): CDMA2000 Class 2 (0.25W): TD-SCDMA
	LTE: Class 3 (0.25W)
GPS	GPS/GLONASS,Protocol: NMEA
WIFI Frequency	2.4GHz/5.8GHz dual frequency bands

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Product Specification

Item	Product specification ---4G version
2G/3G/4G Frequency bands	Version C LTE FDD: B1/B3/B5/B8 LTE TDD: B38/B39/B40/B41 WCDMA: B1/B8 TD-SCDMA: B34/B39 CDMA: BC0 GSM: 900/1800MHz
	Version E LTE FDD: B1/B3/B7/B8/B20/B28A LTE TDD: B38/B40/B41 WCDMA: B1/B8 GSM: B3/B8
	Version AF LTE FDD: B2/B4/B5/B12/B13/B14/B66/B71 WCDMA: B2/B4/B5
	Version J LTE FDD: B1/B3/B8/B18/B19/B26 LTE TDD: B41 WCDMA: B1/B6/B8/B19
	Version AU LTE FDD: B1/B2①/B3/B4/B5/B7/B8/B28 LTE TDD: B40 WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8
	Version S LTE TDD 1.4G: 1447 MHz -1467 MHz LTE TDD 1.8G: 1785 MHz -1805 MHz

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Product Specification

Item	Product specification---5G version
2G/3G/4G/5G Frequency bands	5G NR: n1/n2/n3/n5/n7/n8/n20/n28/n41/n66/n71/n77/n78/n79 LTE: B1/B2/B3/B4(66)/B5(18/19/26)/B7/B8/ B12(17)/B13/B14/B20/B25/B26/B28/ B29/B30/B38/B39/B40/B41/B42/B43/ B46/ B48/B71 DL 4×4 MIMO: 5G NR: n1/n2/n3/n7/n41/n66/n77/n78/n79 LTE: B1/B2/B3/B4/B7/B25/B30/B38/B39/B40/B41/B42 /B43/B48/B66 DL 256QAM UL 64QAM WCDMA: B1/B2/B3/B4/B5/B8/B9/B19

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Hardware interface	1*WAN/4* LAN 1Gbps
Storage memory	Support SD data storage (Optional)
RF	High gain WIFI, 4G LTE/5G, GPS antenna
Security Encryption	Support WEP 、 WPA 、 WPA2 encryption ways
Protocol	PPTP,L2TP,IPSEC VPN,TCP,UDP, DHCP,HTTP,DDNS,TR-069,GRE, HTTPS, SSH,Open VPN,SNMP
Advertising push	Support portal protocol, User login interface jump
Data traffic management	Support Traffic monitoring and bandwidth limitation
LED Indicator	“SYS”, “Net”, “WAN”, “LAN”,RSSI
SIM/UIM	Standard draw card interface, support 1.8V/3V SIM/UIM card, built-in ESD protection
Key button	Reset, WPS
Standard Power	DC input: DC 12V/1.5A
Power Supply	DC input: DC +6/2.5A~36V/0.5A
Working current	2.5A (Max Current)
Temperature	Operating Temperature -30~+70°C Storage Temperature -40~+80°C
Environment humidty	95%
Case	Black steel case
Size	155mm*105mm*25mm
Weight	225g

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