

MaxComm

4G LTE Industry Modem Router M100

- 3G/4G LTE data transmission;
- Active auto connect;
- Embedded watchdog , Auto recovery;
- 2*2 4G/WIFI MIMO antenna;
- Integrate 3G/4G LTE,WIFI,GPS feature;
- 4G LTE. Support CAT 3, CAT 4, CAT 6 now.
- WIFI High quality performance without congestion;
- 1 WAN/1 LAN or 2 LAN ports, One console port;
- With SIM card slot;
- Wide power supply: +5V~+48V/1A
- Remote management platform;
- Firmware version: **Linux or Openwrt**;
- Small size dimension:115mm*73mm*20mm



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Website: www.maxcomm.com.tw , TEL: +886-2-82287758, E-mail: sales@maxcomm.com.tw

Application scenarios



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Product Specification

Item	Product specification
CPU	MTK7628
MEMORY	FLASH 16MByte, DDR2 64MByte
Embedded system	Linux or Openwrt
Network	FDD LTE,TDD LTE,WCDMA,EVDO,GPRS,GSM,CDMA 1X
WIFI	WIFI 802.11 b/g/n, 300Mbps / Optional : WIFI 802.11 ac
Data rate	4G: CAT 3 , DL 100Mbps , UL 50Mbps . Or CAT 4 DL 150Mbps , UL 50Mbps . CAT 6 ,DL 300Mbps , UL 50Mbps
	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 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 / Optional : 5GHz

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Product Specification

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2G/3G/4G Frequency bands	<p data-bbox="658 344 832 372">Version CE.</p> <p data-bbox="716 389 1126 644">LTE-FDD. B1,B3,B5,B8 LTE-TDD.B38,B39,B40,B41 WCDMA.900/2100MHz CDMA 1X/EVDO BC0 TDSCDMA. B34,B39 GSM.900/1800MHz</p> <p data-bbox="658 658 813 686">Version E.</p> <p data-bbox="716 704 1174 868">LTE-FDD. B1,B3,B5,B7,B8,B20 LTE-TDD.B38,B40,B41 WCDMA. B1/B5/B8 GSM.B3/B8</p> <p data-bbox="658 882 813 911">Version A.</p> <p data-bbox="716 928 1074 1001">LTE-FDD. B2,4,5,17 WCDMA.850/1900MHz</p> <p data-bbox="658 1015 832 1043">Version SA.</p> <p data-bbox="716 1061 1296 1225">LTE-FDD. B1/B2/B3B4/B5/B7/B8/B28 LTE-TDD . B40 UMTS/HSDPA/HSPA+ B1/B2/B5/B8 GSM. B2/B3/B5/B8</p>

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Product Specification

Item	Product specification
Hardware interface	2*LAN 10/100Mbps, Console port(Be used as DTU, is available to connect serial devices)
RF connectors	SMA connector , 4G(female),WIFI(male),the characteristic impedance 50Ω
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
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
Standard Power	DC 12V/1A
Power Supply	DC 5~48V
Working current	2A (Max Current)
Temperature	Operating Temperature -40~+75°C Storage Temperature -45~+85°C
Environment humidty	95%
Case	Aluminum Alloy Shell
Size	115mm*73mm*20mm
Weight	160g

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