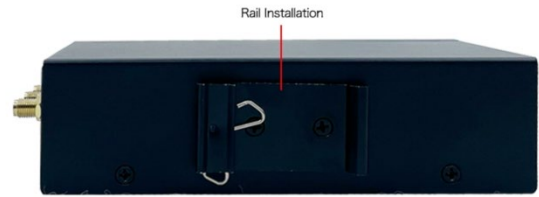
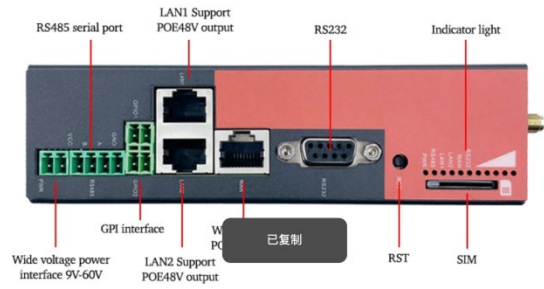


## 4G LTE Wireless Router

Model: WL304



### Simple Introduction

WL304 is a wireless communication product developed based on 4G network requirements. The wireless rate is up to 300 Mbps, which can meet the needs of stable, safe and simple Internet access of small networks such as offices and homes. It can also be applied to the Internet of Things communication industry, providing users with wireless long-distance data monitoring, collection and transmission functions. Full network 4G network access, fully compatible with 4G/3G/2G networks, equipped with 2 10/100M adaptive Ethernet LAN interface, and the internal LAN connection; One 10/100M adaptive Ethernet WAN interface to provide wired broadband access.

### Product Feature

- Support 802.11n/b/g network protocol, support 802.3/802.3u protocol
- 3\*10/100Mbps Ethernet ports, 1 WAN port+2 LAN ports,
- Built-in 4G solution, 1\*SIM card slot
- 2.4G Wifi, max support 300Mbps rate
- Preload English version firmware
- 4\*non-removable external antennas
- 9-60V input or WAN POE 48V input

### Product Datasheet

Hardware Configuration	
Chipset	MTK7628
The main frequency	580MHz
Wireless technology	802.11b/g/n 300MMIMO technology
Flash and Memory	128MDDR2



Memory	16MB
Deviceinterface	WAN 10/100MbpsAdaptivenetworkinterface* 1 support 48V POE input LAN10/100MbpsAdaptivenetworkinterface* 2 support 48V POE output RS485*1 RS232*1 SIMcard, Large size card
Antenna	4G 2T2R 5dBiantenna*2 WiFi2T2R5dBiantenna*2
Button	1 resetbutton, Pressitlongfor 3 secondstorethefactorysettings
Productsize/ weight	L14.6*W9.5H4.1cm/0.8kg
<b>WiFiFeatures</b>	
Wififrequency	802.11b/g/n:2.4~2.4835GHz
Modulationmode	11b: DSS:CCK@5.5/11Mbps,DQPSK@2Mbps,DBPSK@1Mbps 11g: OFDM: 64QAM@48/54Mbps,16QAM@24Mbps, QPSK@12/18Mbps,BPSK@6/9Mbps 11n: MIMO-OFDM:BPSK,QPSK,16QAM,64QAM
Transmissionrate	11b: 1/2/5.5/11Mbps 11g: 6/9/12/18/24/36/48/54Mbps 11n: Max 300Mbps
Receptionsensitivity	11b: <-84dbm@11Mbps; 11g: <-69dbm@ 54Mbps; 11n: HT20<-67dbmHT40: <-64dbm
Transmissionpower	11b: 18dBm@ 1~11Mbps 11g: 16dBm @ 6~54Mbps 11n: 15dBm@ MCS0~7
Communicationstandard	IEEE 802.3(Ethernet) IEEE802.3u(FastEthernet) IEEE802.11b/g/n(2.4GWLAN)
Wirelessecurity	WPA/WPA2 Securitymechanism (WPA-PSKUSSETKIPORAES)
Working/ storageStorage temperature	-10C ~ 50C -40C ~ 70C
Working/ storagehumidity	5% ~ 95% ( Non-condensation)

<b>4G Features</b>	
LTE-FDD	B1/B3/B7/B8/B20/B28
LTE-TDD	B38/B40/B41
WCDMA	B1/B5/B8;
GSM	B3/B8
GNSSfunction	GPS, GLONASS, BeiDou/Compass, Galileo, QZSS

Transmissionpower	Class4 (33dBm±2dB) forGSM900 Class 1 (30dBm±2dB) forDCS1800 ClassE2 (27dBm±3dB) forGSM900 8-PSK ClassE2 (26dBm±3dB) forDCS1800 8-PSK Class3 (24dBm+2/- 1dB) forCDMABC0 Class3 (24dBm+1/-3dB) forWCDMAbands Class2 (24dBm+1/-3dB) forTD-SCDMAbands Class3 (23dBm±2dB) forLTE-FDDbands Class3 (23dBm±2dB) forLTE-TDDbands
LTEfeatures	Supportsamaximum 3GPPR8 non-CACat 4 FDDandTDD Support 1.4 MHz~ 20 MHzRadiofrequencybandwidth, downsidetosupport MIMO LTE-FDD: Maximumdownlinkrate 150Mbps, maximumuplinkrate 50Mbps LTE-TDD: Maximumdownlinkrate 130Mbps, maximumuplinkrate 35Mbps
UMTSfeatures	support3GPPR8 DC-HSDPA, HSPA+, HSDPA, HSUPAandWCDMA supportQPSK, 16-QAMand 64-QAMmodulation DC-HSDPA: Maximumdownlinkrate 42Mbps HSUPA: maximumuplinkrate 5.76Mbps WCDMA:Maximumdownlinkrate 384Kbps, maximumuplinkrate 384Kbps
TD-SCDMAfeatures	supportCCSARelease 3 TD-SCDMA Maximumdownlinkrate 4.2Mbps, maximumuplinkrate 2.2Mbps
CDMAfeatures	support 3GPP2 CDMA2000 1XAdvancedand 1xEV-DORev.A EVDO: Maximumdownlinkrate3.1Mbps, maximumuplinkrate 1.8Mbps 1 X A d v a n c e d : Maximum downlink rate 3 0 7 . 2 K b p s , maximum uplink rate 307.2Kbps

Workingmode	4Gaccess, routingmode, andAPmode
Theloadquantity	32 pcs
Managementstyle	WEBmanagement
Thestate	Systemstatus, interfacestatus, androutingtable
Wirelessconfiguration	WiFiBasicParameterconfiguration/ Blacklist
NetworkSettings	Workingmode LAN/WANAddressset
Trafficassistant	Trafficstatistics/ packageSettings/ trafficcontrol
System	Systemproperties/ Passwordchange/ Upgradebackup/ systemlogs/ restart
Setupwizard	QuickConfigurationWizard