# G4304K

## 4G Wireless Router

## Overview

G4304K   is a new 4G LTE CPE with LTE CAT 4 technology. The router is mainly aimed at the office, home, security and IoT. It provides high- speed and reliable routing and data transmission capabilities，to meet their different application scenarios.

- 1*10/100Mbps RJ45 WAN 3*10/100Mbps RJ45 LAN
- 1*SIM Card
- Throughput：LTE CAT4 FDD-LTE 150Mbps/50Mbps
- Support Multiple Internet Connect：2G 3G，4G，PPPOE，APN
- Radio rate up to 300Mbps，support wireless security functions

## Highlight

- MTK7628KN CPU,
- Memory：8MB ,Flash：2MB ,
- Support 3*10/100Mbps RJ45,
- Support multi-carrier (2G/3G/4G LTE),
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- 4G Module：LTE CAT4,
- External reset button,
- Power supply：DC 12V 1A,
- Support external LED indicator,
- Button：Power, Reset，WPS , WiFi,
- Support antenna：2*WIFI+2*LTE,(5dBi gain.)

- Support SIM lock card and traffic statistics
- Support TR069 and upgrade online
- Support IPV4，Protocol
- Support FOTA

# Benefit

## Wireless WAN Connectivity

The 4G router enables easy-to-install wireless connectivity in small business or remote office locations. Ideal for small businesses ,home ,offices and mobile networks; the 4G router provides wired Ethernet, and 3G/4G wireless WAN connectivity to keep you and your business up and running.
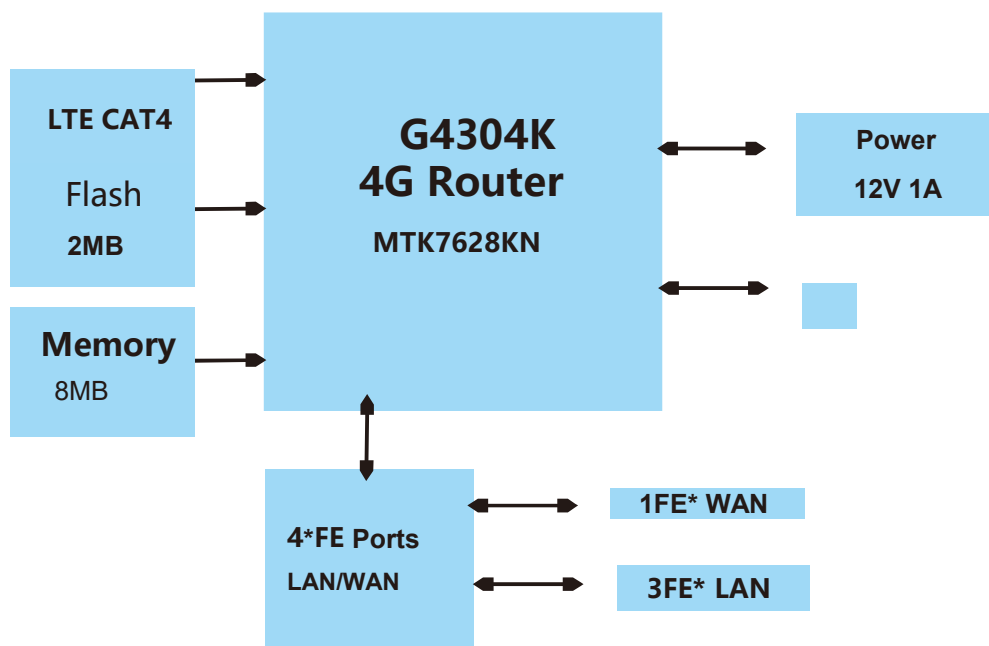
## Secure and Reliable

a-LAN connections are protected with advanced WiFi encryption.

b-Main office access and business transactions are protected by VPN capability, and other security features to ensure your network stays secure.

c-Designed for small office/home /IoT/Security deployments.

## Product Architecture Diagram

| LTE CAT4 |
| Flash 2MB |
| Memory 8MB |

**G4304K 4G Router** MTK7628KN

Power 12V 1A

4*FE Ports LAN/WAN

1FE* WAN

3FE* LAN

## Hardware Specification

| | |
|---|---|
| Application Scenarios | Home，Office，IoT，Security |
| Concurrent Clients | 30 |
| CPU | MTK7628KN |
| Interface | 1 *FE Mbps WAN 、 3*FE Mbps LAN |
| Button | Reset，WPS， |
| Power Suppply | DC12V /1A |
| Flash/Memory | 2MB/8MB |
| SIM Card | Micro Card SIM |
| LED | PWR，WAN，LAN，2.4Gwifi，4G，WPS |
| Dimensions | 233x162x32.5(mm) |
| Antennas | 2.4G:2T2R　4G :2T2R |
| Antenna Gain | 5dBi |
| Frequency | 802.11b/g/n：2.4~2.4835GHz |
| Radio Rate | 2.4G: Up to 300Mbps |
| IPV4 | Support |
| Wireless Security | WPA-PSK/WPA2-PSK、WPA/WPA2 |

# Hardware Specification

| | |
|---|---|
| Modulation | 11b：DSS:CCK@5.5/11Mbps,DQPSK@2Mbps, DBPSK@1Mbps<br><br>11g：OFDM:64QAM@48/54Mbps,16QAM@24Mbps, QPSK@12/18Mbps,BPSK@6/9Mbps<br><br>11n：MIMO-OFDM:BPSK,QPSK,16QAM,64QAM |
| Receiver Sensitivity | 11b: <-84dbm@11Mbps；<br>11g: <-69dbm@ 54Mbps；<br>11n: HT20<-67dbm  HT40: <-64dbm |
| 4G Module | LTE CAT4 |
| Frequency | 4G LTE FDD：B1/B3/B5/B8    4G LTE TDD:B34/B38/B39/B40/B41<br>3G B1/B5/B8 |
| GSM | 900MHz/1800MHz |
| GNSS | GPS, GLONASS, BeiDou/Compass，Galileo, QZSS |

# Product Specification

| | |
|---|---|
| Mode | 4G Router |
| WiFi Setting | Wireless Setting、Channel bandwidth Setting、WPS |
| Status | CPU Status、Interface Status、4G Status<br>Client List<br>Internet Status |
| Network | LAN<br>WAN<br>DHCP<br>APN |
| Traffic assistant | Statistics and display the usage of traffic in 4G mode. |
| Sys | Username Managerment<br>Reboot<br>Upgrade/Restore/Bankup<br>Sys time & date<br>Sys logs |
| Setting Guide | Type of connect Internet<br>Network<br>WiFi |
| Operating Environment | Operating Temperature：Normal:0°C to +45°C;<br>Operating Humidity：-20° C to +70° C<br>Operating Humidity：5%~ 95%<br>Storage Humidity：5%~ 95% |