



31.0mm

51.0mm

5.3mm

## L508 Series MiniPCIe Module

L508 Series MiniPCIe is CAT4 modules with rich product series and excellent reliability, occupied small area base on a new chip platform. CAT4 support 150Mbps downlink and 50Mbps uplink data rates. It supports FDD/TDD/WCDMA/GSM. The size of the Module is extremely small and is only 31.0 x 51.0 x 5.3mm with LCC+LGA package, The Module is cost competitive and high integrated which make it convenient for customer to design their own application products. It can be widely used for various products and equipment which have wireless network function.



LTE CAT4



Low current consumption



Working Temp -40°C to +85°C



Audio



USB2.0



AT Command



PCM



FOTA



Multi Protocols



## Main Features

- Support Band:

### **L508C(N) MiniPCle :**

FDD LTE: B1/B3/B5/B8

TDD LTE: B34/B38/B39/B40/B41

WCDMA: B1/B8

GSM/GPRS/EDGE: 900/1800MHz

### **L508E MiniPCle:**

FDD LTE:B1/B3/B5/B7/B8/B20(/B28)

TDD LTE:B38/B40/B41

UMTS: B1/B8

GSM/GPRS/EDGE: 900/1800 MHz

### **L508LA(N) MiniPCle :**

FDD LTE: B1/B2/B3/B4/B5/B7/B8/B28/B66

TDD LTE: B40

WCDMA: B1/B2/B4/B5/B8

GSM/GPRS/EDGE: B2/B3/B5/B8

\* N is for GNSS

- LET CAT4
- Voltage: 3.2-4.6V(3.8V is recommended)
- Operating temperature range: -40 ~+85°C
- Storage temperature range: -45~+90°C
- Size: 31.0mmX51.0mmX5.3mm

## Other Features

- Support Microsoft Window2000/XP/Vita/7/8  
USB Driver
- Support Linux/Android USB Driver
- Support Fireware USB update
- TCP/UDP/FTP/HTTP/POP3/SMTP/HTTP/MMS

## Interfaces

- UART
- SIM卡 (3V/1.8V)
- USB2.0
- PCM
- Audio
- I2C
- LED
- Main Antenna
- GNSS Antenna(optional)

## Data Transfer

- LTE CAT4  
Max. 50Mbps(UL)  
Max. 150Mbps(DL)
- HSPA+  
Max. 5.76Mbps(UL)  
Max. 21Mbps(DL)
- UMTS  
Max. 384Kbps(UL/DL)
- EDGE/GPRS:  
EDGE: Class12 Max. DL/UL 236.8Kbps  
GPRS: Class12 Max. DL/UL 85.6Kbps

## Certification

- CCC/SRRC