

# L610-LA MiniPCle LTE Module



LTE Cat1bis /R13

MiniPCle package

L610-LA MiniPCle is a LTE Cat1bis wireless communication module, MiniPCle package. The product supports FDD band and GSM 850/900 / 1800/1900MHz, with the size of 50.8 × 29.85 × 3.4 mm.

L610-LA MiniPCle is oriented to the frequency bands of major operators in Latin America, and L610-CN MiniPCle and L610-EU MiniPCle of the same series are aimed at the frequency bands of major operators in Asia and Europe. The product positioning covers the Internet of things market with medium and low rates, such as pan payment, sharing, industrial interconnection, tracking, vehicle afterloading and other application scenarios. Provide perfect high-speed experience for customers in the above fields.



# L610-LA MiniPCle LTE Module



## Basic Features

- LTE FDD: B1/B2/B3/B4 /B5/B7/B28/B66
- GSM:850MHz/900MHz/1800MHz/1900MHz
- MiniPCle:50.8× 29.85× 3.4 mm
- Operating temperature:-30 °C~+75 °C
- Expansion temperature:-40 °C~+85 °C
- Storage temperature:-40 °C~+90 °C
- Operating Voltage:3.3V~4.3V ,typical 3.8v

- AT Command Set : 3GPP TS 27.007 and 27.005, proprietary FIBOCOM AT commands
- TX Power:  
GSM: 850/900MHz: 33dBm±2dB  
1800/1900MHz: 30dBm±2dB  
FDD:B1/2/3/4/5/7/8/28/66: 23dBm±2dB
- RX Sensitivity:  
GSM 850/900MHz: -109.5dBm  
1800/1900MHz: -108dBm  
FDD:B1/3: -98dBm  
B2/4/7/66: -97dBm  
B5/8/28: -98.5dBm

## Data Transmission

- LTE FDD Rel.13 : 10Mbps DL/5Mbps UL
- GPRS : 85.6Kbps DL/85.6Kbps UL(multi-slot class 12)

## Features

- MUX: Basic Mode
- SMS:MO/MT Text and PDU modes
- HTTP(S)/FTP (S\*)/FTP(S)/UDP/IPV4/IPV6/MQTT
- ECM/RNDIS/PPP
- DFOTA/FOTA
- VoLTE/TTS/Recording/FFS/NITZ/NTP/SSL

## Interfaces

- Antenna: 1 Main
- USIM : 1.8V/3.0V
- USB 2.0
- System status indication

## OS Drivers

- Linux/ Windows/Android

## Certifications

- HF/FCC/RoHS/Anatel\*

Note: \* = Planning \*\* = Developing

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