





L610 LTE Cat 1 Module

-  Cortex-A5
-  WiFi Scan integrated
-  BT integrated
-  Codec integrated

Fibocom L610 Series module is an industrial grade LTE Cat 1 module. Available in 3 versions, covering the major carrier network bands in Asia Pacific, Europe and Latin America, including L610-CN/L610-EU/L610-LA. (Support for Wi-Fi & BT).

There are 3 kinds of packages in L610 series, LCC+LGA, MiniPCIe and Open CPU, which could be well adapted to different user cases. Compatible with the NL668 series PIN and can be replaced directly. Support FDD-LTE/TDD-LTE, GSM long-distance communication mode and support WiFi, Bluetooth short-range wireless transmission technology. L610 has a rich expansion interface and supports interfaces such as UART/SPI/I2C/USB. Built-in Codec, support TTS, recording and VoLTE.

L610 is designed to solve the problems of GSM network coverage and network shutting down, and can also solve the CDMA/EVDO network re-farming problem. L610 can be applied in LTE Cat 1 basic applications, including industrial applications with low rate requirements, such as low-cost application scenarios of public network intercom & POS, DTU, and application scenarios of shared hardware.



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Product Feature

- LTE FDD: Band 1/3/5/8
- LTE TDD: Band 34/38/39/40/41
- GSM: 900/1800MHz
- LCC 31x28x2.4mm
- Operating Temperature: -40°C~+85°C
- Storage Temperature: -40°C~+85°C
- Operating Voltage: 3.3V~4.3V typical 3.8V
- AT Command Set: 3GPP TS 27.007 and 27.005, and proprietary FIBOCOM AT commands
- TX Power
 - GSM900: 32.5 dBm±1dB
 - DCS1800: 29.5dBm±1dB
 - LTE FDD: 23.0dBm±1dB
 - LTE TDD: 23.0dBm±1dB

Data

- LTE FDD: 10Mbps DL/5Mbps UL
- LTE TDD: 10Mbps DL/5Mbps UL
- GPRS: 107Kbps DL/85.6Kbps UL

Function

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

Interface

- SIM Card: 1.8V/3.0V
- USB 2.0
- UART
- I2C
- PCM/I2S**
- ADC
- SDIO**
- SPI**
- GPIO
- Antenna: Main

区域

- Europe/Asia/Latin America

Driver

- Linux/Android/Windows

Approval

- CCC*/SRRC*/NAL*/CE*/RoHS*

Note*:= Planning **Developing

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