



# L710

## IoT module

L710 is a IoT module with excellent reliability, occupied small area base on industry-leading Qualcomm MDM9205 platform, It supports LTE CAT-M1 and CAT-NB1/NB2,GSM/GPRS.

The size of L710 is extremely small, it is only 21.5 x 25.0 x 2.4 mm with LCC package, It 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 of IoT.

-   
**NB2**  
 NB-IoT
-   
**CATM1**  
 CATM1
-   
**GSM**  
 Quad-band
-   
**AT**  
 AT Command
-   
**Power save**  
 Powr save
-   
**GNSS**  
 GNSS
-   
**Extended Temperature**  
 Range-40°C to +85°C
-   
**LCC**  
 LCC

## Main Features

- Frequency Bands:  
LTE CatM: B2/B4/B12/B13  
LTE NB2: B1/B3/B5/B8/B20/B28  
GSM/GPRS: 850/900/1800/1900MHz
- GNSS: GPS/BeiDou/GLONASS/Galileo
- Support AT Command
- Voltage range: 3.4 ~ 4.2V (3.8V is recommended)
- Operating temperature range: -40 ~ +85°C
- Storage temperature range: -45 ~ +90°C
- Dimensions: 21.5mmX25.0mmX2.4mm
- Packaging: LCC

## Interfaces

- UART
- SIM Card(1.8V)
- SPI
- GPIO
- USB 2.0
- ADC
- I2C
- I2S
- NETLIGHT
- POWER KEY
- Main antenna
- GNSS antenna

## Specification for Data transfer

- LTE  
Rel.14 CatM1 (with larger UL TBS)  
Max. DL 588 Kbps, UL 1119 Kbps  
LTE Rel 14 CatNB1  
200 kHz monitor BW  
Max. 34/19.7 Kbps DL/single-tone UL,  
Max. 34/66.6 Kbps DL/multi-tone UL  
LTE Rel 14 CatNB2  
200 kHz monitor BW  
Max. 127/158.5 Kbps DL/UL
- GPRS  
Max. 85.6/85.6 Kbps DL/UL

## Other features

- Update firmware by USB
- TCP/UDP/FTP/HTTP/SMTP/SSL
- MQTT/CoAP
- FOTA\*

## Certification

- FCC\*/AT&T\*/VERIZON\*/PTCRB\*/GCF\*  
CE\*/ROHS\*

The logo for LYNO, featuring the word "LYNO" in a bold, black, sans-serif font. A red, stylized flame or leaf-like shape is positioned below the letter "O".