![MobileTek - Smart solution for a smarter world]

L650
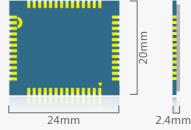## IoT module

L650 is a NB-IoT+GSM module that meets CMCC CBM2024 specification. The size of L650 is 20 x 24 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.

LCC
LCC

NB-IoT
NB-IoT

Extended Temperature Range-40°C to +85°C

AT
AT Command

GSM
Quad-band

USB
USB1.1

LYNQ

Main Features

- Frequency Bands :

  NB-IoT : B3/B5/B8

  Quad-band: GSM/GPRS 850/900/1800/1900MHz
- Support AT Command
- Voltage range : 3.4 ~ 4.2V (3.8V is recommended)
- Operating temperature range : -40 ~ +85℃
- Storage temperature range : -45 ~ +90℃
- Size : 20X24X2.4mm
- Package : LCC
- Weight : Approx 2g

Specification for Data transfer

- CAT-NB1

  Max. 66Kbps(UL)

  Max. 34Kbps(DL)
- GPRS Class12

  Max. 85.6 Kbps(UL/DL)

Interfaces

- UART
- SIM Card (3V/1.8V)
- GPIO
- ADC
- I2C
- USB
- Power key
- Reset key
- Main antenna

Other features

- TCP/UDP/FTP/HTTP/SSL/SMS
- MQTT/CoAP
- ONENET

Certification

- SRRC*/CTA*/CMCC*

LYNQ