

# LTE Module NL668-LA-00



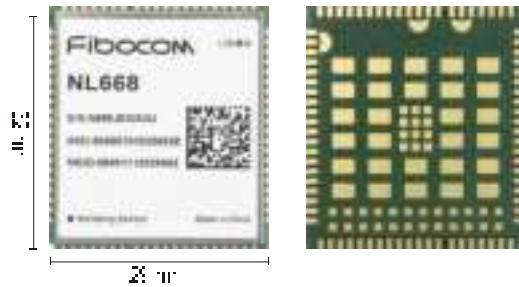
4 Modes

50Mbps LTE Uplink

150Mbps LTE Downlink

Temperature Range  
-40°C~+85°C

Fibocom NL668-LA is a FCC UG form factor LTE wireless communication module which supports TDD/FDD/LTE/WCDMA/GSM 4 modes. The highest speed can reach Cat 4 150Mbps DL and 50Mbps UL. It can be used in industries such as industrial routing, security, and Internet of vehicles.



# LTE Module NL668-LA-00



## Product Features

- Harmony LTE NR > 2Gb/s DR
- LTE-DU 5G/4.5G/4G/3G/2G/1G/UMTS/HSPA/HSPA+
- LTE-U 3G/2G/1G
- WiFi 802.11b/g/n/a/ac
- GPS/GNSS/L1/L2/L5/L8/L10/L11/L12/L13/L14
- GNSS L1/L2/L5/L8/L10/L11/L12/L13/L14
- IMA, UMA, 5G NR Sub6GHz
- Temperature: -40~+85°C
- Normal Operation: -40~+70°C
- Extended operation: -40~+85°C
- Storage temperature: -40~+100°C
- Operating voltage 3.3V~5Vtypo or 3.6V
- All Command Sets: SAE/S2b/S0/S1 and LTE-Uu, and proprietary IoT/NBIoT commands
- S-Power
- GSM/GPRS/EDGE/UMTS/HSPA/HSPA+/LTE FDD
- LTE-SIM, 2G/3G/4G/5G
- NBIoT, 2G/3G/4G/5G
- LTE-DU, 5G NR
- LTE-DU, 2Gb/s DR

## Data

- LTE-DU, 2Gb/s DR/UMbo/5G
- LTE-DU, 2Gb/s DR/UMbo/4Mbps
- WiFi 680Mbps 2.4GHz/5GHz
- WiFi 6 1.2Mbps 2.4GHz/76Mbps
- E2E-DL 2Gb/s DR/UMbo/5G Class UL
- WiFi 2.4GHz/5GHz/600Mbps

## Function

- FDD, TDD, Mode
- Multi-NR/4G/3G/2G modes
- CDR, Log, 11.025MHz, IP, PPP, Pppoe, Ls3/VQ11/P14, GPRS, GPRS/EGPRS, GPRS/EGPRS/3G/4G/5G/bridge/QoS, QoS/A4
- 3G/4G/5G
- IPv4/IPv6/6LoWPAN
- 4G/455/LoRa/4G/5G
- Open Linux®

## Interface

- SIM Card, +3V~5V
- USB 2.0
- LGA 31
- LCC
- PCB 7/254

- ADC
- SDIO
- SPI
- I2C
- Antenna, Main/Diversity

## Driver

- Linux/Android/VxWorks

## Approval

- Industry: -
- Regulation: FCC, CE, IC, RoHS

Note: 1. In progress

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