

LTE 模组 NL668-CN



7 Modes

50Mbps LTE Uplink

150Mbps LTE Downlink

Temperature Range
-40°C~+85°C

FIBOCOM NL668-CN 模块是一款LCC封装的LTE无线通信模块，支持LTE-TDD/LTE-FDD/WCDMA/TD-SCDMA/EVDO/CDMA2000 1X/GSM 7种制式16个频段，支持FDD/TDD混合组网的LTE网络，最高可达Cat4 150Mbps下行和50Mbps上行网络速度。FIBOCOM NL668可应用于工业路由、安防、车联网等行业。



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产品特性

- LTE FDD: Band 1/3/5/8
- LTE TDD: Band 38/39/40/41
- WCDMA: Band 1/8
- TD-SCDMA: Band 34/39
- EVDO/CDMA1X: BC0
- GSM/GPRS/EDGE: 900/1800MHz
- LCC 32x29x2.4mm
- Operating Temperature: -30°C~+75°C
- Optional 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
 - WCDMA: 23.5dBm±1dB
 - TD-SCDMA: 23.0dBm±1dB
 - EVDO: 23.0dBm±1dB
 - CDMA1X: 24.0dBm±1dB
 - LTE FDD: 23.0dBm±1dB
 - LTE TDD: 23.0dBm±1dB

数据特性

- LTE FDD: 150Mbps DL/50Mbps UL
- LTE TDD: 130Mbps DL/35Mbps UL
- UMTS: 384 kbps DL/384 kbps UL
- HSPA/HSPA+: 42Mbps DL/5.76Mbps UL
- TD-SCDMA: 4.2Mbps DL/2.2Mbps UL
- EVDO RevA: 3.1Mbps DL/1.8Mbps UL
- CDMA1X: 307.2kbps DL/307.2kbps UL
- EDGE: 296Kbps DL/236.8Kbps UL
- GPRS: 107Kbps DL/85.6Kbps UL
- MUX: Basic Mode
- SMS: MO/MT Text and PDU modes
- HTTP(S)/PPP/FTP(S)/TCP/UDP/TTS/IPV4/IPV6
- ECM/RNDIS/NDIS/Gobinet
- DFOTA/FOAT
- SRLTE/VoLTE
- GNSS/LBS
- OpenLinux*

接口

- SIM Card: 1.8V/3.0V x 1
- USB 2.0 x 1
- UART x 3
- I2C x 1
- PCM/I2S x 1
- ADC x 2
- SDIO x 2
- SPI x 1
- SGMII x 1
- GPIO
- Antenna: Main/Div/GNSS

驱动

- Linux/Android
- Win7/8/10

认证

- CCC/SRRC/NAL

* = 计划中 / 开发中