

NL668-CN-90 LTE Module

Perfect Wireless Experience

NL668-CN-90 LTE Module Technical Specifications

Product Feature

- 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

Data

- 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

Interface

- SIM Card: 1.8V/3.0V x 1
- USB 2.0 x 1
- UART x 3
- I2C x 1
- PCM/I2Sx 1
- ADC x 2
- SDIO x 2
- SPI x 1
- SGMII x 1
- GPIO
- Antenna: Main/Div/GNSS

Driver

- Linux/Android
- Win7/8/10

Approval

- CCC/SRRC/NAL