

NL668-CN-05-MiniPCIe LTE Module

Perfect Wireless Experience

NL668-CN-05-MiniPCIe LTE Module Technical Specifications

Product Feature

- LTE FDD: Band 1/3/5/8
- LTE TDD: Band 34/38/39/40/41
- WCDMA: Band 1/8
- GSM: 900/1800MHz
- MiniPCIe: 51x30x4.9mm
- 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
 - LTE FDD: 23.0dBm±1dB
 - LTE TDD: 23.0dBm±1dB

Data

- LTE FDD:75Mbps DL/50Mbps UL
- LTE TDD:65Mbps DL/30Mbps UL
- UMTS: 384 kbps DL/384 kbps UL
- HSPA/HSPA+: 42Mbps DL/5.76Mbps UL
- EDGE: 296Kbps DL/236.8Kbps UL
- GPRS: 107Kbps DL/85.6Kbps UL

Function

- MUX: Basic Mode
- SMS: MO/MT Text and PDU modes
- HTTP(S)/FTP(S)/TCP(S)/UDP/IPV4/IPV6/MQTT
- ECM/RNDIS/PPP/Gobinet
- FFS/BIP/NITZ/NTP/SSL

Interface

- SIM Card: 1.8V/3.0V x 1
- USB 2.0 x 1
- UART x 1
- GPIO
- System Indicator
- Antenna: Main

Driver

- Linux/Android/Windows

** Under development*

Approval

- CCC/SRRC/NAL
- CM
- RoHS