

## NL678-E-00-MiniPCIe-10 LTE Module

Perfect Wireless Experience

V1.0

### NL678-E-00-MiniPCIe-10 LTE Module Technical Specifications

#### Product Feature

- LTE FDD: Band 1/3/5/7/8/20/28
- LTE TDD: Band 38/40/41
- WCDMA: Band 1/3/5/8
- 2CA Combo: B1+B1/3/5/7/8/20/28, B3+B3/5/7/8/20/28, B5+B7, B7+B7/8/20/28, B38+B38, B40+B40, B41+B41, B20+B321
- MiniPCIe: 51x30x4.9mm
- Operating Temperature: -40°C~+85°C
- Storage Temperature: -40°C~+85°C
- Operating Voltage: 3.1V~4.4V typical 3.3V
- **AT Command Set:** 3GPP TS 27.007 and 27.005, and proprietary FIBOCOM AT commands
- **TX Power**
  - WCDMA : 23.5dBm±1dB
  - LTE FDD: 23.0dBm±1dB
  - LTE TDD: 23.0dBm±1dB

#### Data

- LTE FDD CA: 300Mbps DL/50Mbps UL
- LTE TDD CA: 240Mbps DL/30Mbps UL
- UMTS: 384 kbps DL/384 kbps UL
- HSPA/HSPA+: 42Mbps DL/5.76Mbps UL

#### Function

- MUX: Basic Mode
- SMS: MO/MT Text and PDU modes
- DHCP/HTTP(S)\*/FTP(S)\*/TCP\*/UDP\*/IPV4V6/SSL\*
- PPP\*/ECM/RNDIS/Gobinet
- DFOTA/FOAT
- VoLTE/Audio/Recording\*/TTS\*/BIP\*/FFS\*
- GNSS\*/LBS\*/CellID\*

#### Interface

- SIM Card: 1.8V/3.0V
- USB 2.0
- USB 3.0
- I2C
- PCM
- Analog Audio
- GPIO\*
- Network indicator
- Antenna: Main/Div/GNSS

#### Driver

- Linux/Android/Window\*

#### Approval

- CE/GCF/FCC/NCC
- RoHS/HF\*

\* Under development

Copyright © Fibocom Wireless Inc. | Subject to changes in technology, design and availability | E-mail : market@fibocom.com | Tel : +86 755-2673 3555