

## L830-GL LTE Module

Perfect Wireless Experience

 5 Modes

 11 Frequencies

 50Mbps LTE Uplink

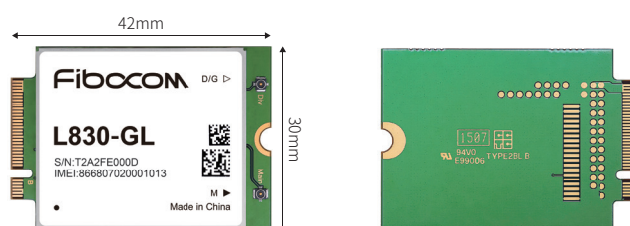
 300Mbps LTE Downlink

 Win 8.1/10  
Android 4.2 above

 VoLTE<sup>1</sup>

L830-GL series are M.2-packed LTE wireless communication modules which support 11 frequencies from LTE-FDD/LTE-TDD/WCDMA/TD-SCDMA/GSM. The modules support LTE network based on the FDD/TDD and the 3G fallback.

The network connection speed of L830-GL series can reach Cat6 300Mbps in the downloading speed and the 50Mbps in the uploading speed, which make them suitable for the mobile network. L830-GL can be widely used in consumer electronics.



### Available For

- China
- Part of APAC
- Europe

## L830-GL LTE Module

Perfect Wireless Experience

### L830-GL LTE Module Technical Specifications

#### Product Features

- LTE FDD: Band 1,3,5,7,8,20
- LTE TDD: Band 38,39,40,41
- WCDMA: Band 1,8
- TD-SCDMA: Band 34,39
- GSM/GPRS/EDGE: 900/1800MHz
- M.2 30.0×42.0×2.3 mm
- Current Consumption: 6mA@sleep mode(DRX9)
- **RX Sensitivity**
  - LTE FDD: -98dBm ~ -102dBm
  - LTE TDD: -99dBm ~ -100dBm
  - TD-SCDMA: -111dBm
- WCDMA: -110dBm
- GSM: -109dBm
- **TX Power**
  - LTE FDD: 22.5dBm
  - LTE TDD: 22.5dBm
  - WCDMA : 22.5dBm
  - TD-SCDMA : 22.5dBm
  - GSM: 900 32.5dBm
  - DCS : 1800 29.5dBm
- AT Command Set: FIBOCOM proprietary AT commands/  
GSM 07.05/GSM 07.07

#### Data

- LTE FDD : Cat 6 (300Mbps DL, 50Mbps UL)
- LTE TDD : Cat 4 (112Mbps DL, 10Mbps UL)  
UMTS/HSPA: DC-HSDPA 42Mbps (Cat24)  
HSUPA 5.76Mbps (Cat6)
- TD-SCDMA : 2.8Mbps DL, 2.2Mbps UL
- GSM 3GPP release 7:
  - EDGE multi-slot class 33 (296kbps DL, 236.8kbps UL)
  - GPRS multi-slot class 33 (107kbps DL, 85.6kbps UL)
- SMS: MO/MT Text and PDU modes  
Cell broadcast

#### Interfaces

- SIM Card: 1.8V/2.8V
- 1 x USB 2.0
- 1 x USB 3.0<sup>1</sup>
- Multiple Profiles over USB
- PCM voice
- I2C
- I2S
- GPIO
- Antenna Interfaces x 2

#### Drivers

- Win 8.1/10
- Android 4.2 above

#### Approvals

- RoHS
- CE
- CCC
- GCF<sup>2</sup>



1=Supports in future 2=In Progress

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