

L831-EA LTE Module

Perfect Wireless Experience

 3 Modes

 12 Frequencies

 50Mbps LTE Uplink

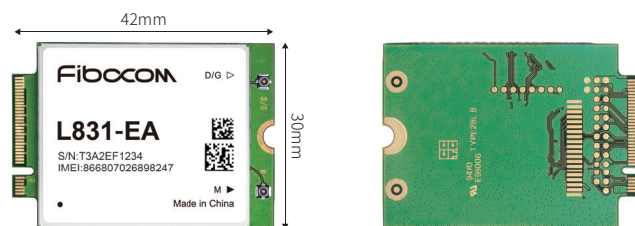
 150Mbps LTE Downlink

 Win 8.1/10
Android 4.2 above

 VoLTE¹

L831-EA series are a M.2-packed LTE wireless communication modules which support 12 frequencies from LTE-FDD/WCDMA /GSM. The modules support LTE network based on FDD and 3G fallback.

The modules' network connection speed can reach 150Mbps in the downloading speed and 50Mbps in the uploading speed. L831-EA is designed for consumer electronics industry.



Available For

- North America
- Europe

L831-EA LTE Module

Perfect Wireless Experience

L831-EA LTE Module Technical Specifications

Product Features

- LTE FDD: Band 1, 2, 3, 4, 5, 7, 8, 13, 17, 18, 19, 20
- WCDMA: Band 1, 2, 4, 5, 8
- GSM/GPRS/EDGE: 850/900/1800/1900MHz
- M.2 30.0×42.0×2.3 mm
- Current Consumption: 5.0mA@sleep mode (DRX9)
- RX Sensitivity
 - LTE FDD: -100dBm
 - WCDMA: -109dBm
 - GSM: -108dBm
- TX Power
 - LTE FDD: 22.5dBm
 - WCDMA: 22.5dBm
 - GSM: 850/900 32.5dBm
 - DCS: 1800 29.5dBm
 - PCS: 1900 29.5dBm
- AT Command Set:
 - FIBOCOM proprietary AT commands/
 - GSM 07.05/GSM 07.07

Data

- LTE FDD :
 - Cat 4 (150Mbps DL, 50Mbps UL)
- UMTS/HSPA:
 - DC-HSDPA 42Mbps (Cat24)
 - HSUPA 5.76Mbps (Cat6)
- 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
- Multiple Profiles over USB
- Antenna Interfaces x 2
- PCM Voice
- I2C
- I2S
- GPIO

Drivers

- Win 8.1/10
- Android 4.2 above



Approvals

- RoHS
- CE
- FCC
- GCF
- PTCRB

1=Supports in future

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