

## L830-EA LTE Module

Perfect Wireless Experience

3 Modes

16 Frequencies

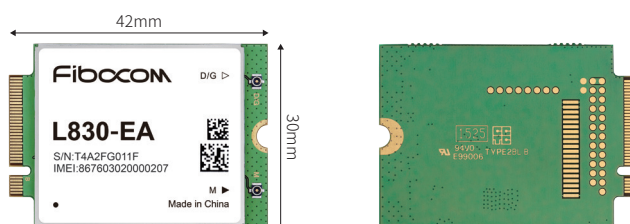
50Mbps LTE Uplink

300Mbps LTE Downlink

Win 8.1/10  
Android 4.2 above

L830-EA is M.2-packed LTE wireless communication modules which support 16 frequencies from LTE-FDD/WCDMA/GSM. The module supports LTE network based on FDD and the 3G fallback.

The network connection speed of L830-EA module can reach Cat6 300Mbps in the downloading speed and the 50Mbps in the uploading speed, which makes it suitable for the mobile network. L830-EA can be widely used in consumer electronics.



### Available For

- North America
- Europe



# L830-EA LTE Module

Perfect Wireless Experience

## L830-EA LTE Module Technical Specifications

### Product Features

- LTE FDD: Band 1, 2, 3, 4, 5, 7, 8, 9, 13, 17, 18, 19, 20, 26, 29
- WCDMA HSPA+: Band 1, 2, 4, 5, 6, 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: -98 ~ -101dBm
  - WCDMA: -110dBm
- GSM: -109dBm
- 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 : Cat6 (300Mbps DL, 50Mbps UL)
- UMTS/HSPA:
  - DC-HSDPA 42Mbps (Cat24)
  - HSUPA 5.76Mbps (Cat6)
- GNSS: GPS, GLONASS
- 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 SSIC/USB 2.0
- Multiple Profiles over USB
- Antenna Interfaces x 2
- I2C
- I2S
- GPIO

### Drivers

- Win 8.1/10
- Android 4.2 above



### Approvals

- RoHS
- CE
- FCC
- GCF
- PTCRB<sup>1</sup>

<sup>1</sup>In Progress

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