

# LTE Cat 1 Module MC116-EUL-00



Qualcomm Platform

Compatible with Cat 4 module  
NL668

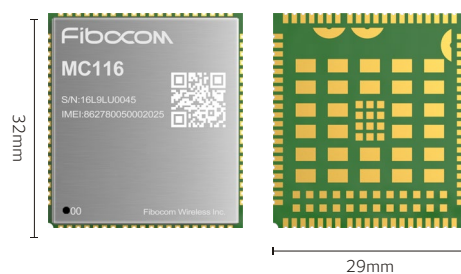
LCC+LGA: 29x32x2.4mm

3.3V-4.3V

Fibocom MC116-EUL is a high-performance LTE Cat 1 module which supports LTE FDD/WCDMA/GSM frequency and the LTE highest speed can reach to 10 Mbps DL/5 Mbps UL.

The product is developed based on Qualcomm platform and packaged in LCC+LGA which is compatible with Fibocom's Cat 4 module NL668.

MC116-EUL is suitable for the IoT market in Europe & Latin America and has a rich application such as telematics, security, ATM/POS and Internet of Vehicles etc.



# LTE Cat 1 Module

## MCT16-EUL-00



### Basic Features

- LTE FDD: B1/2/3/4/7/8/20/28
- WCDMA: B1/2/5/8
- GSM: 850/900/1800/1900MHz
- GNSS: GPS/GLONASS/BeiDou/Galileo
- LCC+LGA: 32x29x2.4mm
- Operating temperature: -40 °C~+85 °C
- Storage temperature: -40 °C~+85 °C
- Operating Voltage: 3.3V~4.3V typical3.8V
- AT Command Set: 3GPP TS 27.007 and 27.005, proprietary FIBOCOM AT commands
- TX Power:
  - LTE FDD: 23dBm±2dB
  - WCDMA: 23.5dBm±1dB
  - GSM850: 32.5dBm±1dB
  - GSM900: 32.5dBm±1dB
  - DCS1800: 29.5dBm±1dB
  - GSM19 0: 30dBm±1dB

### Data Transmission

- Cat 1: 10Mbps DL/ 5Mbps UL
- UMTS: 384 kbps DL/384 kbps UL
- DC-HSDPA+: 42Mbps DL/HSUPA: 5.76Mbps UL
- EDGE: 296kbps DL/236.8kbps UL
- GPRS: 107kbps DL/85.6kbps UL

### Features

- MUX: Basic Mode
- SMS: MO/MT Text and PDU modes
- PPP/Gobinet
- DFOTA/LWM2M
- Body Sar\*

### Interfaces

- SIM1.8V/3.0V
- USB2.0
- UART
- I2C
- SPI
- PCM
- ADC
- SGMII
- GPIO
- Antenna: Main/Div/GNSS

### OS Drivers

- Linux/Windows/Android

### Certifications

- RoHS/Reach/CE\*/GCF\*/Anatel\*

Note: \* = Planning /Developing

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