



Fibocom MC116-EUL-00 LTE Cat 1 Module User Manual

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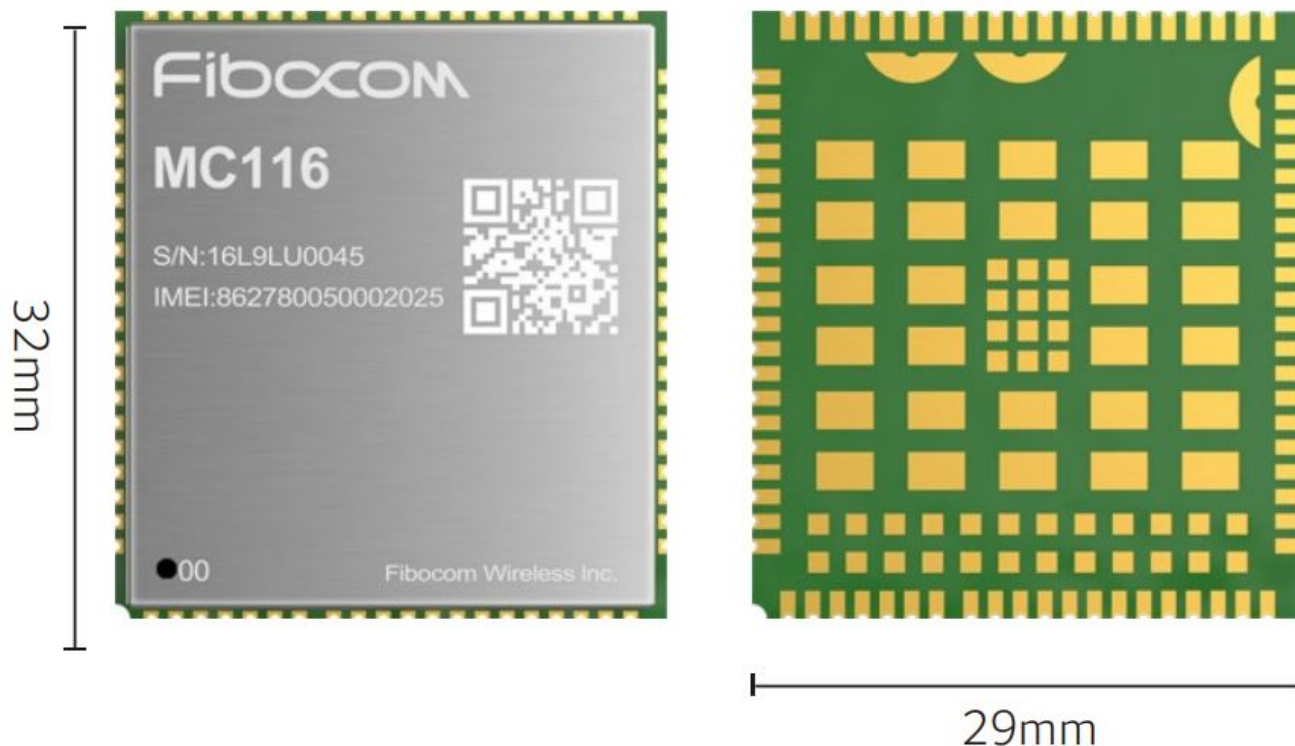
Fibocom MC116-EUL-00 LTE Cat 1 Modu



Specification

- 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 that 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 the 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 rich applications such as telematics, security, ATM/POS and Internet of Vehicles etc.

Dimension



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 typical 3.8V
- **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
- **GSM1900:** 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

Support

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Documents / Resources

	Fibocom MC116-EUL-00 LTE Cat 1 Module [pdf] User Manual MC116-EUL-00, LTE Cat 1 Module, MC116-EUL-00 LTE Cat 1 Module
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References

- [Alcom electronics | Home](#)
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