

## L716-EU



Air Interface : 4G, 3G, 2G

Region : Europe

Fibocom's L716-EU is a LTE Cat 4 wireless communication module which supports LTE-TDD/ LTE-FDD network and WCDMA/ GSM fallback, delivering a maximum downlink rate of Cat 4 150 Mbps and uplink rate of 50 Mbps. The module adopts LCC+LGA form factor, with the size of 32.0\*29.0\*2.4mm. Featuring high performance, low latency and high reliability, it is mainly suitable for the IoT market in Europe. The Fibocom L716-EU module supports rich industry-standard interfaces and multiple Internet protocols, meeting the diverse hardware/ software demands of IoT products. The module enables seamless connectivity for a variety of IoT applications such as industrial router, industrial gateway, public security, C-V2X, etc.

## Product Specifications

### Basic Features

Package	LCC+LGA
Dimension (mm)	29.0x32.0x2.4
LTE FDD	B1/3/5/7/8/20/28
LTE TDD	B38/40/41
WCDMA	B1/5/8
GSM/GPRS/EDGE	850/900/1800MHz
Memory	128Mb Nor+256Mb DDR
Power Supply	3.3V - 4.4V (Typical 3.8 V)
Operating Temp	-30°C~+75°C

## Data Transmission

LTE FDD (Mbps)	150(DL)/ 50(UL)
LTE TDD (Mbps)	130(DL)/ 30(UL)
HSPA/HSPA+(Mbps)	HSDPA+:21Mbps DL (Cat 14)/HSUPA:5.76Mbps UL (Cat 6)
WCDMA(kbps)	384(DL)/ 384(UL)
EDGE(Kbps)	236.8(DL)/ 236.8(UL)
GPRS(Kbps)	85.6(DL)/ 85.6(UL)

## Functions

VoLTE	•
MUX	•
USSD	•
STK	•
LBS	•
FOTA	DFOTA
OS Drivers	Linux/Windows/Android
CSD	•
TTS	Optional
SMS	•
Digital Audio	•

Audio  
Play/Record      Optional

Protocols      TCP/ UDP(S)/ HTTP(S)/ FTP(S)/ IPv4/ IPv6/ SSL/ TLS/ MQTT/ PING/ NTP/ FFS/  
NITZ/ PPP/ ECM/ RNDIS

### Interfaces

SIM      x1, 1.8V/3.0V

USB      x1, USB2.0

UART      x2

SPI      •

ADC      x2

GPIO      •

SDIO      •

PCM      •

SGMII      RMI

### Certification Approvals

Regulation      RoHS\*/Reach\*

Operator      NA

Industry      CE\*/UKCA\*

\* =planning /under development