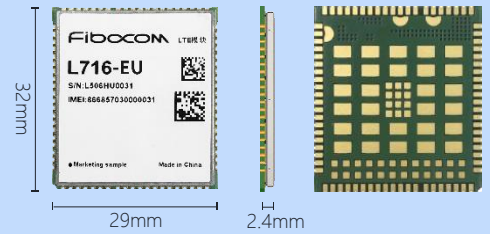


Fibocom L716-EU-10

LTE Cat 4 Communication Module Specially Designed for IoT Applications

Key Benefits

- High value LTE Cat 4 module
- LTE, WCDMA, GSM coverage
- Various Internal protocols
- High-performance chipset platform with low latency and high reliability
- Professional reference design and timely technical support to help customers quickly complete product development.



LTE Cat 4

Fibocom's L716-EU is a LTE Cat 4 wireless communication module which supports LTE-FDD network and WCDMA/ GSM fallback, delivering a maximum downlink rate of Cat 4 150 Mbps DL 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 EMEA and APAC.



LCC+LGA form factor



USB2.0

The Fibocom L716-EU module supports rich industry-standard interface 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.



VoLTE (Optional)



USB2.0



Fibocom Enhanced AT Commands



Professional reference design and technical support



LTE Cat 4	L716-EU-10
Region	EMEA / APAC
Basic Features	
Package	LCC+LGA
Dimension (mm)	29.0x32.0x2.4
LTE FDD	LTE FDD: B1/3/5/7/8/20/28
LTE TDD	LTE TDD: B38/40/41
WCDMA	B1/5/8
TD-SCDMA	NA
EVDO	NA
CDMA2000 1X	NA
GSM/GPRS/EDGE	850/900/1800MHz
Memory	128Mb Nor+256Mb DDR
Power Supply	3.3V - 4.4V (Typical 3.8V)
Temp Requirement	Operating Temp -30°C ~ +75°C ; Extend Temp : -40°C ~ +85°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)
TD-SCDMA (Mbps)	NA
EVDO(Mbps)	NA
CDMA2000 1X(kbps)	NA
EDGE(Kbps)	236.8(DL)/ 236.8(UL)
GPRS(Kbps)	85.6(DL)/ 85.6(UL)
Functions	
VoLTE	●
eSIM	NA
Remote SIM	NA
eCALL	NA
OpenCPU	NA
MUX	●
Jamming Detection	NA
USSD	●
STK	●
LBS	●
FOTA	DFOTA
OS Drivers	Linux/Windows/Android
GNSS	NA
MMS	NA
CSD	●
TTS	Optional
SMS	●
Analog Audio	NA
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
PCIe	NA
UART	x2
SPI	●
ADC	x2
GPIO	●
SDIO	●
PCM	●
SGMII	RMII
Certification	
Regulation	RoHS*/Reach*
Operator	NA
Industry	CE*/UKCA*

*=planning/under development

