![exelonix logo]

USB Connect 4G

The number of devices connected to the internet via cellular connectivity is continuously growing. USB Connect 4G can easily bring LTE connectivity to IoT-equipment without the need to redesign your hardware. Equipped with 2 built-in diversity antennas, USB Connect 4G can deliver LTE connectivity with up to 150 Mbit/s in download and 50 Mbit/s in upload in the most challenging environments.

Benefits of applications with USB Connect 4G:

A cellular modem purpose-built for IoT development with single board computer compatibility.

Connect your device worldwide via standardized cellular wireless networks.

Spend less time on connectivity management and more time on your core product.

With open source drivers, the USB Connect 4G is adaptable to your development stack.
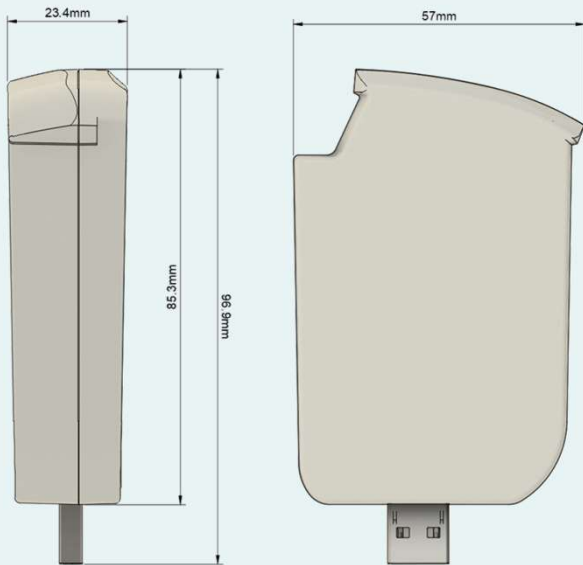
USB Connect 4G Features:

- LTE Categories Cat 4 Modem
- Internal antenna
- USB-form factor
- Operating systems :
  - Linux
  - Windows 10
- AT-Command interface

Features:
3GPP Release 10 LTE Cat 4
- Uplink up to 50 Mbps
- Downlink up to 150 Mbps

FDD Bands:
USB Connect 4G – EU (Europe)
  B1, B3, B7, B8, B20, B28A
USB Connect 4G – NF (America)
  B2, B4, B12, B66
USB Connect 4G – AP (Asia Pacific)
  B1, B3, B5, B8, B9, B19, B28

Modem
Telit LE910C4-EU/NF/AP

Interface
1 USB-A 2.0 (high-speed, 480 Mbit/s)

Antenna
2 internal multiband antennas

SIM
Micro-SIM (3FF)

Protocols
- Built in UDP/TCP/FTP/SMTP
- IPv4/IPv6
- Control via AT commands according to 3GPP TS 27.005, 27.007 and Telit Custom AT commands
- SMS over IMS

OS-Support
Windows 10
Linux

Security
PIN-secured hardware (optional)

Electrical data
Switched OFF: 25 μA
Idle Mode (No Call): max. 15mA
Operating Mode: 200-600mA
Power supply via USB: 5V (4.8-5.5V)

Environmental data, quality & reliability
Operating
Humidity 5% to 95%
Operating temperature: -20°C to 55°C
Storage temperature: -20°C - +70°C
REACH & RoHS compliant (lead-free)

Modem certifications and approvals
USB Connect 4G – EU: CE (RED)
USB Connect 4G – AP: RCM, JAPAN
USB Connect 4G – NF: FCC, PTCRB, (modem approvals by AT&T, FirstNet, T-Mobile, Verizon)