

# JANUS REMOTE COMMUNICATIONS

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## CF Socket Modem Series LTE910CF CAT-M1 Embedded 4G Cellular Modem

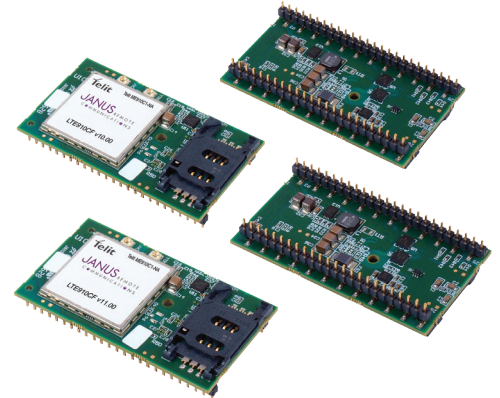
### Description

The Janus line of Common Footprint (CF) Socket Modems are footprint compatible, embedded cellular devices for use in LTE communication networks. They were specifically designed to provide customers with cost effective modules that are easily integrated into new and existing designs, require limited customer certification resources, and are completely interchangeable to allow for maximum network flexibility while removing the worry of product obsolescence.

The AT&T LTE910CF v10.00 Common Footprint (CF) Socket Modems are LTE Category M1 PTCRB and AT&T certified 4G cellular modems. They utilize the Telit ME910C1-NA module as their cellular engine. The LTE910CF v10.00 units operate in LTE bands (B2), (B4), (B12) and (B17).

End device certification allows users to implement the LTE910CF in their devices with no further North American carrier certification requirements

The Verizon LTE910CF v11.00 Common Footprint (CF) Socket Modem are LTE Category M1 Verizon end device certified (pending) 4G cellular modems. They utilize the Telit ME910C1-NA module as their cellular engine. The LTE910CF 11.00 units operate in LTE band (B13). End device certification allows users to implement the LTE910CF in their devices with no further North American carrier certification requirements.



### LTE910CF CAT1 Features

- LTE910CF CAT M1 Features
- Data Rate: LTE: 300D/375U Kbps
- V10.00 Frequency bands (AT&T)
  - LTE Bands: B12/B13(700), B4(AWS1700), B2(1900)
- V11.00 Frequency bands (Verizon)
  - LTE Bands: B13(700)
- TCP/IP stack access via AT commands
- SMS (MO / MT)
- Output power: Class 3 (0.2W, 23 dBm) @ LTE
- Dimensions: 2.5" x 1.4" x 0.325"
- Operational temperature range: -40°C to 85°C
- Internal Switching Regulator:
  - Input Voltage Range: 4.75 to 5.25Vdc (5Vdc nominal)
  - Supply disable via terminal input pin
- Variable logic level (UART/GPIO)
  - Adjustable from 1.8 - 5.0Vdc
  - Defaults to 2.85v
- SIM Card
  - Locking SIM card socket, Mini (2FF size) SIM
- Antenna:
  - Cellular and GNSS antennas
  - U.FL miniature RF connectors
- GNSS
  - Stand alone GPS and GLONASS available at AT command interface
  - A-GPS support
  - NMEA data
  - GNSS antenna connection w/active antenna support

Available in two different versions for North America:

LTE910CF v10.00 TBUVN (AT&T)

LTE910CF v11.00 TAUVN (Verizon)  
Verizon Certification Pending

*The LTE910CF is pin compatible with the full line of Janus Socket Modem CF Products.*

### Applications

Suitable for all M2M Applications

- Fleet Management
- Asset Tracking
- Security Systems
- Telemetry
- Telematics & Telecontrol
- Remote Monitoring Systems
- Remote Meter Reading
- Vending Machines

*Take the complexity out of designing cellular IoT solutions with Janus Socket Modems.*

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**Making machines talk.**

