

# CF Socket Modems Comparison (Common Footprint)

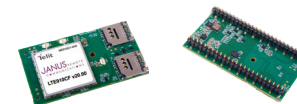
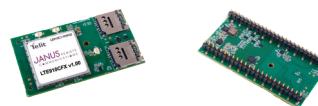
Specs / Parameter

LTE910CF CAT1 v15.00

LTE910CFX CAT1 v1.00 ThreadX

LTE910CF CAT-M1/NB2 v20.00

**JANUS** REMOTE  
COMMUNICATIONS



Power Supply	Input Voltage Range	4.75 - 5.25 Vdc	4.75 - 5.25 Vdc	4.75 - 5.25 Vdc
	Registered Idle Current Draw*	15mA	15mA	12mA
	Power Savings Current Draw*	2mA	2mA	0.05 to 1.0 mA (depends on paging cycle)
Hardware	Screw Mounting Hole	Yes	Yes	Yes
	Cellular Technology - Primary Fallback	LTE (CAT 1) 3G	LTE (CAT 1) 3G and 2G	LTE (CAT-M1/NB2) EGPRS 2G
Cellular	Max Data Rate down/up (Mbps)	10 / 5	10 / 5	CAT-M1: 1 Mbps/588 Kbps; NB2: 160/120 Kbps
	2G Bands	N/A	B2, B3, B5, B8	B2, B3, B5, B8
	3G Bands	B2, B4, B5	B1, B2, B4, B5, B6, B8, B19	N/A
	4G Bands	B2, B4, B5, B12, B13, B14, B66, and B71	B1, B2, B3, B4, B5, B7, B8, B8, B9, B12, B13, B14, B18, B19, B20, B25, B26, B28	B1, B2, B3, B4, B5, B8, B12, B13, B18 B19, B20, B25, B26, B27, B28, B66, B71, B85
	Rx Diversity	Rx & MIMO DL 2x2	Rx & MIMO DL 2x2	N/A
	SIM Card	Mini (2FF size)	2 x Micro (3FF size)	2 x Micro (3FF size)
	Certification	PTCRB, AT&T, Verizon	PTCRB, AT&T, Verizon	PTCRB, AT&T, Verizon, RED
	GPS	GPS / GNSS Support	GPS, Galileo, GLONASS, Beidou	GPS, Galileo, GLONASS, Beidou
UART	UART Interfaces	AT Command AUX Tx/Rx	AT Command AUX Tx/Rx	AT Command AUX Tx/Rx
	UART Voltage	2.85 or user selected	2.85 or user selected	2.85 or user selected
	UART Baud Rate	115200 Default	115200 Default	115200 Default
USB	USB Interfaces	MODEM (2x), ADB, RmNet, NMEA (GPS), SAP, RNDIS, DIAG, MBIM	MODEM (2x), ECM, RmNet, SER, DIAG	MODEM, DIAG, ECM
	Software	TCP/IP Application Programming	UDP/TCP/FTP/SMTP stack; MQTT support Telit AppZone C	UDP/TCP/FTP/SMTP stack; MQTT support Telit AppZone C
I/O	GPIO	2x GPIO @ 1.8 Vdc; 5x GPIO @ user Vdc	2x GPIO @ 1.8 Vdc; 5x GPIO @ user Vdc	2x GPIO @ 1.8 Vdc; 5x GPIO @ user Vdc
	LED Indicator Signal Outputs	GPIO_01 - optional Cellular Status; Any GPIO can be user controlled as an LED signal	GPIO_01 - optional Cellular Status; Any GPIO can be user controlled as an LED signal	GPIO_01 - optional Cellular Status; Any GPIO can be user controlled as an LED signal
	DAC	0	0	0
	ADC	1	1	1
	I2C (Via AT Commands)	Yes	Yes	Yes
	I2C Voltage	1.8 Vdc	1.8 Vdc	1.8 Vdc
Audio	Audio Interface	DVI (PCM or I2S)	N/A	N/A
	Audio Signal Voltage	1.8 Vdc	N/A	N/A

\* Average Current: may be higher in fallback modes.