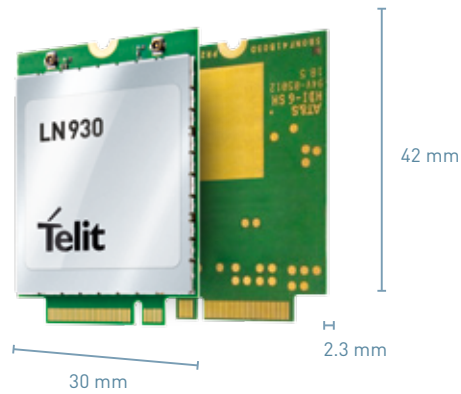# **Telit**

LN 93x Series

LTE 150/50 **| DC–HSPA+** 42.0/11.5 M.2 Data Cards

M.2 Data cards for Mobile Computing

The M.2 family data-cards deliver High speed data rates on LTE and offer a cellular connection for PC OEM device manufactures. M.2 form factor data-card is particularly well-suited for devices with very high throughput requirements such as, PDAs, e-readers, tablets, and mobile computing or consumer electronics in general. The M.2 family data cards are a natural transition from the Mini Card PCI and Half Mini Card to a smaller form factor. The M.2 family is optimized for mobile computing world with lower power consumption, high speed USB interfaces and extended RF performance with full variety of global coverage.

M.2 family data cards support multiple operating systems and has several unique Intel (LN930/2) features such as Adaptive Clocking, Selective Suspend, Link Power Management, and Dynamic Power Thermal Management in support of an always on/always connected (AOC) user experience.

LN930 variant

The LN930 M.2 module achieves download rates to 150 Mbps through support of 3GPP release 9. There are two variant of the LN930 M.2 LTE data card to support the various RF frequency bands and band combinations deployed worldwide.

- LN930 LTE Module – North America, Europe, roaming in Asia Pacific

- LN930-AP LTE APAC Module – Asia Pacific

AVAILABLE FOR

EMEA

North America

Latin America

APAC

Korea

Australia

Complete, Ready to Use Access to the Internet of Things

IoT MODULES   IoT CONNECTIVITY   IoT PLATFORM

ENABLING THE IOT IS WHAT WE DO.

Technology		LTE FDD cat. 4 W-CDMA 2G
Bands	**Carrier Aggrega- tion**	N/A
	LTE	**LN930:** 1-5, 7, 8, 13, 17, 18, 19, 20 **LN930-AP:** 1, 3, 8, 9, 11, 18, 19, 21, 26
	CMDA	N/A
	3G	**LN930:** 1, 2, 4, 5, 8 **LN930-AP:** 1, 6, 8, 11, 19
	2G	**LN930:** 2, 3, 5, 8
Data throughput		**LTE FDD:** DL: 150 Mbps, UL: 50 Mbps **LTE FDD:** DL: 42 Mbps, UL: 5.7 Mbps
Operating temperature		-10°C to +55°C
Application Interface		MBIN, C-AT/NCM
USB		USB 2.0 HS
Antenna	**Diversity**	•
	MIMO	•
	Connectors	Main, GNSS/Aux
	Control	4 GPO pins
Tools		Firmware Switching, Noice Profiling, GNSS tools, Tracing, Debuging
OS Support		Win 7, Win 8, Win 8.1, Win 10, Linux Android
Location services		GPS, A-GPS, GLONASS
Certifications		**LN930:** NCC/CCC/FCC/PTCRB/CE/GCF **Operator IOT target:** - Na: AT&T, Verizon - EMEA: Vodafone, Telefonica, Orange **LN930-AP:** JRL/JTBL **Operator IOT target:** Docomo, KDDI

Join the Telit Technical Forum

For a quicker and more rewarding integration experience join the Telit Technical Forum. There you can browse the first open forum covering all IoT topics, get direct support by region (EMEA, North America, Latin America, APAC), take part in this quickly growing IoT community and exchange experiences.

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