



Overview of Cellular, Positioning, and Timing Solutions

Telit Cinterion is an IoT Enabler providing IoT modules, edge-to-cloud services including connectivity plans, IoT SIMs, IoT embedded software and PaaS IoT deployment managed services. It operates two business units: IoT modules and subscriptions & managed services.

Telit Cinterion offers a broad portfolio of solutions, services and platforms for M2M and IoT applications, enabling businesses and people to trust in our connected world. Telit Cinterion offers the technology elements that customers need to simplify and to accelerate the development and ensure the security, reliability and longevity of M2M and IoT solutions.



Wi-Fi and Bluetooth® IoT Modules

Seamless IoT connectivity integration is specialty of Telit Cinterion modules. Telit Cinterion certified Wi-Fi and Bluetooth technology modules provide faster development times and market availability. They are compliant with industry standards and global regulatory and industry certification requirements.



GNSS Positioning and Timing Modules

Get exceptional positioning and timing modules for your mission-critical IoT application. Telit Cinterion GNSS modules deliver accurate continuous location and precise timing.



Cellular 5G Modules and Data Cards

Telit Cinterion cellular 5G data cards in the standard M.2 (NGFF) form factor featuring both sub-6 and mmWave technologies for high-power fixed wireless access, enterprise routers and gateways, indoor and outdoor CPE, and professional broadcasting and surveillance.



Cellular LTE Modules and Data Cards

Telit Cinterion provide cellular IoT modules with form factors to fit any project as part of our “design once, use anywhere” approach. You can design your solution once and drop in variants without redesigning. We offer cellular mini PCIe and M.2 (NGFF) network cards from LTE Cat 1 to Cat 18.




Cellular LPWA and Mobile IoT Modules

Telit Cinterion LTE-M and NB-IoT (NB1 and NB2) module portfolio supports Power Saving Mode (PSM) and extended Discontinuous Reception (eDRX). Device designs that take advantage of eDRX and PSM can minimize power usage and extend battery life.



To select a specific module by technology or region of use, please contact a sales representative.

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Wi-Fi and Bluetooth® IoT Modules

Seamless IoT connectivity integration is specialty of Telit Cinterion modules. Organizations with limited Wi-Fi or Bluetooth technology expertise don't have time or resources to navigate various testing and certification requirements.

Telit Cinterion certified Wi-Fi and Bluetooth technology modules provide faster development times and market availability. They are compliant with industry standards and global regulatory and industry certification requirements.

Series	Primary Technology	Secondary Technology	Use
WE310F5	Wi-Fi	Bluetooth	Secure Wi-Fi
WE310G4	Wi-Fi	Bluetooth	Secure Wi-Fi
WE310K6	Wi-Fi	Bluetooth	Secure Wi-Fi
WE866C6	Wi-Fi	Bluetooth	Secure Wi-Fi
WE866C5	Wi-Fi	Bluetooth	Secure Wi-Fi
SE250B4	Wi-Fi 5		Secure Wi-Fi

Positioning and Timing Modules

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Series	Primary technology	Secondary technology	Use
SE868K5	GNSS L1+L5		GNSS
SE868SY	GNSS L1+L5		GNSS
SE873K5	GNSS		GNSS
SE878K3	GNSS		GNSS
SL869L	GNSS		GNSS
SL871L	GNSS		GNSS



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Series	Primary Technology	Secondary Technology	Use	Fall Back Tech
FE910C04	5G NR RedCap	GNSS	Cellular 5G-MM	4G
FN920C04	5G NR RedCap	GNSS	Cellular 5G-MM	4G
PWR81	5G NR RedCap	GNSS	Cellular 5G-MM	4G
FN980 / FN980m	5G LTE Cat 20	GNSS	Cellular 5G-MM	4G, 3G
FN990A28	5G LTE	GNSS	Cellular 5G-MM	4G, 3G
FN990A40	5G LTE	GNSS	Cellular 5G-MM	4G, 3G
FE990B34	5G LTE	GNSS	Cellular 5G-MM	4G, 3G
FE990B40	5G LTE	GNSS	Cellular 5G-MM	4G, 3G
FN990B34	5G LTE	GNSS	Cellular 5G-MM	4G, 3G
FN990B40	5G LTE	GNSS	Cellular 5G-MM	4G, 3G
MV31 USB	5G LTE	GNSS	Cellular 5G-MM	
MV32	5G LTE	GNSS	Cellular 5G-MM	4G, 3G


Cellular LTE and LPWA Modules

Telit Cinterion offers 4G LTE modules that span a wide range of category variants and form factors to fit your needs, including LTE-M and NB-IoT.

Series	Primary Technology	Secondary Technology	Use	Fall Back Tech
LE910Q1	LTE Cat 1		Cellular 4G-SM	
LE910R1	LTE Cat 1		Cellular 4G-MM	2G
LE910C1	LTE Cat 1	GNSS	Cellular 4G-MM	3G, 2G
PLS63	LTE Cat 1	GNSS	Cellular 4G-MM	3G, 2G
mPLS63	LTE Cat 1	GNSS	Cellular 4G-MM	3G, 2G
ELS62	LTE Cat 1 bis		Cellular 4G-MM	2G
SE250B4	LTE Cat 4	GNSS	Cellular 4G-MM	3G, 2G
LE910C4	LTE Cat 4	GNSS	Cellular 4G-MM	3G, 2G
PLS83	LTE Cat 4	GNSS	Cellular 4G-MM	3G, 2G
mPLS83	LTE Cat 4	GNSS	Cellular 4G-MM	3G, 2G
CMB100A0	LTE Cat 4	GNSS	IoT Solution	3G, 2G
LN920A6	LTE Cat 6	GNSS	Cellular 4G-MM	3G
LN920A12	LTE Cat 12	GNSS	Cellular 4G-MM	3G
LN920A13	LTE Cat 13	GNSS	Cellular 4G-MM	3G
ME310G1	LTE Cat M1	GNSS	Cellular 4G-SM	
ML865G1	LTE Cat M1	GNSS	Cellular 4G-MM	2G
ME910G1	LTE Cat M1	GNSS	Cellular 4G-SM	
ATD551	LTE Cat M1		IoT Solution	2G
CMB100C0	LTE Cat M1	GNSS	IoT Solution	2G
EXS62	LTE Cat M/NB	GNSS	Cellular 4G-MM	
EXS82	LTE Cat M/NB	GNSS	Cellular 4G-MM	2G
TX62	LTE Cat M/NB	GNSS	Cellular 4G-MM	
TX82	LTE Cat M/NB	GNSS	Cellular 4G-MM	2G
ME310M1	LTE Cat M1/NB2	GNSS	Cellular 4G-SM	
NE310L2	LTE Cat NB2		Cellular 4G-NB	
TN23	LTE Cat NB2		Cellular 4G-NB	

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