



# Telstra IoT/M2M Certified Embedded Modules and Integrated Devices

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Listed below are the 4G-LTE Cellular Embedded Modules and Integrated Devices that have been certified for use on the Telstra Mobile Network. The devices in this list have passed Telstra's IoT/M2M Certification Program as meeting Telstra's mandatory criteria and guidelines. Telstra's guidelines also ensure that ACMA regulatory and RCM requirements have been met.

As of December 2018, Telstra no longer accepts 3G only devices into the IoT/M2M Certification Program. In October 2019, Telstra announced that its 3G WCDMA network will be shut down in June 2024.

Telstra requires all new IoT/M2M cellular capable devices to support 4G-LTE and VoLTE if voice is required, 4G-LTE presents several unique technological improvements that provide significant benefits to IoT/M2M implementations such as much greater network capacity and efficiency, and greater in-building penetration when 4GX Band 28 is supported.

Telstra's coverage bands are 4G-LTE band 28 and 3, and 3G-WCDMA band 5, therefore any device must support these three bands as a minimum (see [Telstra's IoT network coverage map](#)).

All modules and devices certified via Telstra's IoT/M2M Certification Program must support remote firmware upgrade capability.

For questions and certification requests please contact [TelstraWirelessM2MHardware@team.telstra.com](mailto:TelstraWirelessM2MHardware@team.telstra.com).

## Certified 4G Embedded Modules

Vendor	Model Number	Type	Network Support	VoLTE Support
<b>LTE CAT 18</b>				
Foxconn	T77W980	Embedded module	4GX + 3G	No
Quectel	EG18-EA	Embedded module	4GX + 3G	No
<b>LTE CAT 16</b>				
Foxconn	T77W968	Embedded module	4GX + 3G	No
Fibocom	L860-GL	Embedded module	4GX + 3G	No
Telit	LM960	Embedded module	4GX + 3G	No
<b>LTE CAT 12</b>				
Sierra Wireless	EM7565	Embedded module	4GX + 3G	No
Quectel	EM12-G	Embedded module	4GX + 3G	Yes
<b>LTE CAT 13</b>				
Quectel	EP06-E	Embedded module	4GX + 3G	Yes
Quectel	EG06-E	Embedded module	4GX + 3G	Yes
Quectel	EM06-E	Embedded module	4GX + 3G	Yes
Quectel	EG06-AUTL	Embedded module	4GX	Yes
<b>LTE CAT 11</b>				
Telit	LM940	Embedded module	4GX + 3G	No
<b>LTE CAT 9</b>				
Foxconn	T77W676	Embedded module	4GX + 3G	No
Fibocom	L850-GL	Embedded module	4GX + 3G	No
<b>LTE CAT 6</b>				
Sierra Wireless	MC7430/EM7430	Embedded module	4GX + 3G	No
Gemalto	PLAS9-W	Embedded module	4GX + 3G	No
Sierra Wireless	AR7598	Embedded module	4GX + 3G	Yes
<b>LTE CAT 4</b>				
Foxconn	T77W595	Embedded module	4GX + 3G	No
Quectel	SC20-AU	Embedded module	4GX + 3G	No
Sierra Wireless	HL7549	Embedded module	4GX only	No
Sierra Wireless	WP7609	Embedded module	4GX + 3G	Yes
Telit	LE910-AU V2	Embedded module	4GX only	No
Quectel	EC25-AU	Embedded module	4GX + 3G	Yes
Quectel	EC25-AU mini PCIe	Embedded module	4GX + 3G	Yes
Quectel	EC25-AUTL	Embedded module	4GX	Yes
<b>LTE CAT 3</b>				
Sierra Wireless	MC7304/5	Embedded module	4G + 3G	No

<b>LTE CAT 1</b>				
Quectel	EC21-AUT	Embedded module	4GX + 3G	No
Quectel	EC21-AU	Embedded module	4GX + 3G	Yes
Quectel	EC21-AU mini PCIe	Embedded module	4GX + 3G	Yes
Gemalto	ELS61-AUS	Embedded module	4GX + 3G	No
Sierra Wireless	HL7650	Embedded module	4GX + 3G	No
Telit	LE910C1-AP	Embedded module	4GX + 3G	Yes
SIMCom	SIM7600SA	Embedded module	4GX + 3G	Yes
<b>LTE CAT M1</b>				
Telit	ME910C1-AU	Embedded Module	4GX	No
Telit	ME910C1-WW	Embedded Module	4GX	No
Quectel	BG96	Embedded Module	4GX	No
Quectel	BG96 mini PCIe	Embedded Module	4GX	No
U-Blox	SARA-R410M-02B	Embedded Module	4GX	No
U-Blox	SARA-R410M-83B	Embedded Module	4GX	No
SIMCom	SIM7000E	Embedded Module	4GX	No
Sierra Wireless	HL7749	Embedded Module	4GX	No
Sierra Wireless	HL7800-M	Embedded Module	4GX	No
Sierra Wireless	HL7800	Embedded Module	4GX	No
Sequans	GM01Q	Embedded Module	4GX	No
Nordic Semiconductor	nRF9160-SICA	Embedded Module	4GX	No
<b>Narrowband IoT</b>				
Telit	ME910C1-AU	Embedded Module	4GX	No
Telit	ME910C1-WW	Embedded Module	4GX	No
Quectel	BG96	Embedded Module	4GX	No
Quectel	BC95-G	Embedded Module	4GX	No
Quectel	BC68	Embedded Module	4GX	No
Quectel	BC66	Embedded Module	4GX	No
U-Blox	SARA-R410M-83B	Embedded Module	4GX	No
SIMCom	SIM7020G	Embedded Module	4GX	No

## Certified 4G Integrated Devices

Category	Vendor	Model Number	Network Support	Image
[New] Asset Tracking	Fleet Complete	AT1	LTE Cat M1	
[New] Security Monitoring	Permaconn	PM24	LTE Cat M1	
[New] Security Monitoring	Risco	RW132G400AUA	LTE Cat 1 + 3G	
[New] Telematics / Vehicle Tracking	Geotab	GO9	LTE Cat M1	
Asset Tracking	Flex	TT603-LM0Q-TE	LTE CAT M1	
Asset Tracking	Inseego	TR100	LTE Cat M1	
Asset Tracking	LX Group	TLS-4102G	LTE Cat M1	
Building resources monitoring device	Buddy	Buddy Ohm 100	4GX+3G, CAT 4	
Development Board	Arduino	MKR NB 1500	LTE CAT M1	
Gateway	Accelerated	6300-CX05	4GX+3G, CAT6	
Gateway	Beam Communications	MG400	4GX + 3G, CAT13	

Category	Vendor	Model Number	Network Support	Image
Gateway	CASA Systems	NTC-140-02	4G + 3G, CAT3	
Gateway	CASA Systems	NTC-402	4GX + 3G, CAT6	
Gateway	Casa Systems	NTC-221	4GX+3G, CAT1	
Gateway	Cisco	NIM-4G-LTE-GA / ISR4K	4G + 3G, CAT3	
Gateway	Cisco	EHWIC-4G-LTE-AU / 1921 / 2901	4G + 3G, CAT3	
Gateway	Cisco	IR829GW-LTE-GA-ZK9 IR829GW-LTE-LA-ZK9	4G + 3G, CAT3	
Gateway	Cisco	C819-4G-GA-K9	4G + 3G, CAT3	
Gateway	Cisco	C819GW-LTE-LA-NK9	4GX + 3G, CAT4	
Gateway	Cisco	C819-LTE-LA-K9	4GX + 3G, CAT4	
Gateway	Cisco	IR809G-LTE-LA-K9 IR809G-LTE-GA-K9	4GX + 3G, CAT4	
Gateway	Cisco	EHWIC-4G-LTE-LA / 1921 / 2901	4GX + 3G, CAT6	




Category	Vendor	Model Number	Network Support	Image
Gateway	Cisco	<b>ISR1100</b> C1117-4PLTELAWZ C1111-8PLTELA C1111-4PLTELA C1117-4PLTELA C1111-8PLTELAWZ	4GX + 3G, CAT6	
Gateway	Cradlepoint	IBR1100/1150	4G + 3G, CAT3	
Gateway	Cradlepoint	AER2200-600M/IBR1700-600M/IBR900-600M	4GX + 3G, CAT11	
Gateway	Cradlepoint	IBR900/950	4GX + 3G, CAT6	
Gateway	Meraki	MX67C	4GX + 3G, CAT6	
Gateway	Meraki	MX68CW	4GX + 3G, CAT6	
Gateway	Movus	Movus FitMachine Gateway	LTE Cat M1	
Gateway	Robustel	R2110-4L	4GX + 3G, CAT6	
Gateway	Sierra Wireless	GX450	4G + 3G, CAT3	
Gateway	Sierra Wireless	MP70	4GX + 3G, CAT6	
Gateway	Sierra Wireless	RV50x	4GX + 3G, CAT6	
Gateway	UHS	UC-400T	4G + 3G, CAT3	

Category	Vendor	Model Number	Network Support	Image
Gateway	UHS	UC-440T	4GX+3G, CAT6	
Gateway	VeloCloud	510-LTE	4GX+3G, CAT6	
Industrial Data Modem	CASA Systems	NTC-100	LTE CAT M1	
Industrial Data Modem	EDMI	EWM410	4GX + 3G, CAT 1	
Industrial Data Modem	EDMI	TLM400	LTE Cat M1	
Industrial Data Modem	ETM	Purple2 4G-AUS	4GX + 3G, CAT1	
Industrial Data Modem	IntelliDesign	LIM400E	4GX + 3G, CAT1	
Industrial Data Modem	IntelliDesign	LIM-505	LTE Cat M1	
Industrial Data Modem	Intercel	SAMXT	LTE CAT M1 + NB-IoT	
Industrial Data Modem	Intercel	SAM4-Q	4GX + 3G, CAT1	
Industrial Data Modem	Landis+Gyr	E35C-LTE1	4GX+3G, CAT 1	

Category	Vendor	Model Number	Network Support	Image
Industrial Data Modem	Landis+Gyr	E420 S11LA	LTE CAT M1	
Industrial Data Modem	Sierra Wireless	ELM400	LTE Cat M1	
Payment Terminal	Verifone	CM5P	4GX + 3G, CAT4	
Remote Data Logger	Arable Labs Inc	Mark II	LTE Cat M1	
Remote Data Logger	LX Group	BN31M1U	LTE CAT M1	
Remote Data Logger	MIOT	Captis Power+	LTE CAT M1 + NB-IoT	
Remote Data Logger	MIOT	Captis Solar	LTE CAT M1 + NB-IoT	
Remote Data Logger	MIOT	Captis Pulse Lite/ Captis Pulse Lite External Antenna	LTE CAT M1 + NB-IoT	
Remote Data Logger	MIOT	Captis Pulse	LTE CAT M1 + NB-IoT	
Remote Data Logger	MIOT	Captis Multi	LTE CAT M1 +NB-IoT	
Remote Data Logger	MIOT	Captis Metrum	LTE CAT M1/NB-IOT	
Rugged PDA / Scanner	Honeywell	CT60	4GX + 3G, CAT13, VoLTE	



Category	Vendor	Model Number	Network Support	Image
Rugged PDA / Scanner	Honeywell	CN80	4GX + 3G, CAT13, VoLTE	
Rugged PDA / Scanner	Honeywell	CT40	4GX + 3G, CAT13, VoLTE	
Rugged PDA / Scanner	Honeywell	CT50	4GX + 3G, CAT4	
Rugged PDA / Scanner	Zebra	TC57	4GX + 3G, CAT13, VoLTE	
Rugged PDA / Scanner	Zebra	TC77	4GX + 3G, CAT13, VoLTE	
Rugged PDA /Scanner	Zebra	TC56DJ	4GX + 3G, CAT4, VoLTE	
Rugged PDA /Scanner	Zebra	TC75FK	4GX + 3G, CAT4, VoLTE	
Security camera	Netgear	Arlo Go	4GX + 3G, CAT4	
Sensor probe device	Libelium	Plug & Sense! 4G AU	4GX only, CAT4	
Telematics / Vehicle Tracking	Advantech	T-TREK570	4G + 3G, CAT3	
Telematics / Vehicle Tracking	Fleet Complete	GNX-6/MGS800	4GX + 3G, CAT1	

Category	Vendor	Model Number	Network Support	Image
Telematics / Vehicle Tracking	GIT Co., Ltd	Auto Link Premium	4GX + 3G, CAT1	
Telematics / Vehicle Tracking	Trakm8	Connect 300	LTE CAT M1	
USB modem	Cradlepoint	MC400PL5	4GX + 3G, CAT6	

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