

Digi XBee Cellular Modems

Pre-certified embedded cellular connectivity for rapid deployment

Digi XBee offers the easiest way to integrate cellular connectivity into an OEM device. With the introduction of 3GPP standards like LTE Cat 1, LTE-M and NB-IoT, as well as older standards like 3G HSPA/GSM, Digi has the cellular modem for your design. Digi XBee Cellular modems provide easy cellular connectivity without having to go through a costly FCC or carrier end-device certification process.



Digi XBee 3 Global LTE Cat 1

Now available

Digi XBee 3 Global LTE Cat 1 smart modems offer the easiest way to integrate cellular connectivity into an OEM device or IoT gateway



Digi XBee 3 Global LTE Cat 4

Coming soon

Digi XBee 3 Global LTE Cat 4 smart modems offer the easiest way to integrate higher bandwidth cellular connectivity into an OEM device or IoT gateway



Digi XBee 3 Global and Low-Power LTE-M/NB-IoT

Now available

Compact, flexible cellular connectivity for IoT devices and gateways

XBee Module Portfolio

		Micro	Through-hole	SMT	Bluetooth	MicroPython	DIGI WISITE MANAGER	DIGI TETHERING
Short Range 2.4 GHz	zigbee	✓	✓	✓	✓	✓	✓	✓
	802.15.4	✓	✓	✓	✓	✓	✓	✓
	DigiMesh®	✓	✓	✓	✓	✓	✓	✓
Long Range 868/900 MHz	DigiMesh®	Roadmap	✓	✓	Roadmap	Roadmap	Roadmap	Roadmap
Cellular	lte Cat-1	-	✓	-	✓	✓	✓	✓
	LTE-M NB-IoT	-	✓	-	✓	✓	✓	✓

XBee® Cellular Standard Certifications

✓ Complete
 □ Planned
 ? In Consideration

		XBee 3 Global and Low-Power LTE-M/NB-IoT + GNSS		XBee 3 LTE Global and North America Cat 1 + GNSS		XBee 3 LTE Global Cat 4
		LTE-M	NB-IoT	North America	Global	Global
Carrier Approvals	PTCRB	✓	✓	✓	✓	✓
	AT&T	✓	✓	✓	✓	✓
	Verizon	✓	✓	✓	✓	✓
	Telus (Canada)	□	□	□	□	□
	Bell (Canada)	□	□	□	□	□
	Rogers (Canada)	□	□	□	□	□
	T-Mobile	□	□	□	□	□
Regulatory	USA (FCC)	✓	✓	✓	✓	✓
	Canada (ISED)	✓	✓	✓	✓	✓
	Mexico (NOM)	□	□	□	□	□
	Europe (CE / RED)	✓	✓	-	□	□
	United Kingdom (UKCA)	✓	✓	-	✓	✓
	Japan	□	□	-	□	□
	Brazil (Anatel)	□	□	-	□	□

Get started with Digi XBee®

DIGI XBEE³ ZIGBEE MESH DEV KIT

Start designing your ZigBee enabled products today with our complete multi-node Digi XBee3 ZigBee Mesh development kit.



DIGI XBEE 3 GLOBAL LTE CAT 1 DEV KIT

Design and build smart cellular enabled products with our new XBee 3 cellular development kit



DIGI XBEE 3 GLOBAL LTE-M/NB-IoT DEV KIT

Design and build smart cellular enabled products with our new XBee 3 cellular development kit



System-on-Modules

Best-in-class, secure, reliable embedded SOM solution with integrated wireless connectivity

Digi SOM solutions provide a highly integrated hardware and software platform designed for rapid development and time-to-market, along with a full suite of tools and resources for scalability of design and ease of maintenance. With robust, industrial system-on-modules, integrated [Digi TrustFence®](#) security, sophisticated open systems software and device management tools, Digi's embedded solutions reduce total cost of ownership and help catapult OEMs to market success.



[Digi ConnectCore 93](#)

New

Embedded, wireless system-on-module based on the NXP i.MX 93 processor, with AI/ML NPU, designed for longevity and scalability in industrial IoT applications



[Digi ConnectCore MP1](#)

New

Intelligent, wireless and secure embedded system-on-module based on the STM32MP1 MPU family, with turnkey Linux support in the robust Digi SMTplus standard form factor

Digi XBee LR RF Module for LoRaWAN

Coming soon

Digi XBee LR is a wireless communications module that OEMs can easily incorporate into end-node sensor products – enabling the LoRaWAN protocol for device-to-cloud connectivity



- Pre-certification: Modular certifications for FCC, IC, and CE standards
- LoRaWAN compatibility: Supports the low-power, long-range wide area networking protocol built on the LoRa radio modulation technique
- Footprint versatility: Integrates with existing hardware in MMT, SMT, and TH footprints with 600nA power consumption
- Zero-touch provisioning: Remotely provision and maintain devices that embed Digi XBee LR modules using Digi X-ON cloud
- Single SKU: One footprint with regional support for multiple bands, including US915, EU868, AS923, and more