



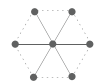




# DIGI XBEE<sup>3</sup> FAMILY FEATURES COMPARISON



With over 2 million units shipped annually, Digi XBee is the world's #1 choice for embedded wireless connectivity. Digi XBee<sup>3</sup>™ brings a new era of flexibility to mesh networking and new LTE cellular technologies enabling a higher level of abstraction without the lead times and complexities of chip-down designs. From multiple global protocols and expanded programmability to the Digi TrustFence® security framework and future-proof form factor, Digi XBee<sup>3</sup> gives you even more options for connectivity. Explore the Digi XBee<sup>3</sup> Ecosystem for all the hardware, software and resources to quickly bring connectivity to your ideas.

FAMILY	FREQUENCY/ BAND	PROTOCOL	DESCRIPTION	RF LINE OF SIGHT RANGE	FORM FACTOR	DEVELOPMENT KIT PART NUMBERS	RF DATA RATE	CURRENT DRAW TX/RX	CERTIFIED REGIONS
Digi XBee <sup>3</sup> ™ Zigbee 3.0	2.4 GHz	Zigbee® Pro 	Zigbee mesh networking, low-cost, low-power	Standard Version 4000 ft (1200 m)  PRO Version 2 Miles (3200 m)	Micro 	XK3-Z8S-WZM	250 Kbps	Standard Version 40 mA @ 8 dBm / 15 mA  PRO Version 135 mA @ 19 dBm / 15 mA	US, Canada, Europe, Japan, South Korea, Australia, New Zealand, and Brazil (pending)
Digi XBee <sup>3</sup> ™ DigiMesh		DigiMesh® 	DigiMesh networking, low-cost, low-power		Surface Mount 				
Digi XBee <sup>3</sup> ™ 802.15.4		Proprietary 802.15.4 	Point-to-multipoint device connectivity, Low cost, low power		Through-Hole 				
Digi XBee <sup>3</sup> ™ Cellular CAT-1	LTE Bands 2,4,5,12 Verizon Band 13 (Coming Soon)	Verizon, AT&T, Canadian Carriers	Digi XBee <sup>3</sup> Cellular Smart Modem, LTE-CAT 1	Cellular Network Coverage	Through-Hole 	XK3-C-A1-UT-U (AT&T)	10 Mbps Downlink / 5 Mbps Uplink	1Amp / 10uA (Low Power Mode) @3.3V	US and Canada
Digi XBee <sup>3</sup> ™ Cellular LTE-M/NB-IoT	Bands 1, 2, 3, 4, 5, 8, 12, 13, 17, 18, 19, 20, 25, 26, 28 and 39	<b>LTE-M</b> AT&T, Verizon, and others that support these bands  <b>NB-IoT</b> T-mobile, Vodafone and others that support these bands	Digi XBee <sup>3</sup> Cellular Smart Modem, LTE-M/NB-IoT			<b>LTE-M</b> XK3-C-A2-UT-U (AT&T) XK3-C-N1-UT-E	<b>LTE-M</b> Up to 375 kb/s	<b>NB-IoT</b> Up to 27.2 kb/s Downlink, 62.5 kb/s Uplink	550mA / 20uA (Power Save Mode) @3.3V