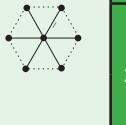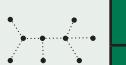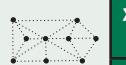# XBee® Family Features Comparison

Protocol	Product	Frequency	Description	RF Line of Sight Range	Form Factor	MSRP	RF Data Rate	Current Draw Tx/Rx	Hardware	Certified Regions
IEEE 802.11	XBee® Wi-Fi	2.4 GHz	Wi-Fi 802.11b/g/n with easy provisioning, native Device Cloud features	N/A	Through-hole, SMT	$35.00	1 to 72 Mbps	309 mA / 100 mA	S6B	US, CA, EU, AU, JP
IEEE 802.15.4	XBee® 802.15.4	2.4 GHz	Best way to get started with point-to-multipoint device connectivity	300 ft / 90 m	Through-hole	$19.00	250 Kbps	45 mA / 50 mA	S1	US, CA, EU, AU, BR, JP
	XBee-PRO® 802.15.4	2.4 GHz	Point-to-multipoint extended range version	1 mile / 1.6 km		$32.00	250 Kbps	215 mA / 55 mA	S1	US, CA, AU, BR
		2.4 GHz	International/"J" variant	2500 ft / 1 km		$32.00	250 Kbps		S1	US, CA, EU, AU, BR, JP
Multipoint Proprietary	XBee-PRO® XSC	900 MHz	Long-range proprietary multipoint connectivity	9 miles / 14.5 km	Through-hole	$39.00	10 Kbps or 20 Kbps	215 mA / 26 mA	S3B	US, CA, AU
	XBee-PRO® 868	868 MHz	Long-range multipoint for Europe	25 miles / 40 km		$45.00	24 Kbps	500 mA / 65 mA	S5	EU
ZigBee® PRO Feature Set	XBee® ZB SMT	2.4 GHz	ZigBee mesh networking, low-cost, low-power, surface mount	4000 ft / 1.2 km	SMT	$17.50	250 Kbps	45 mA / 28 mA	S2C	US, CA, EU, AU, BR, JP
	XBee-PRO® ZB SMT	2.4 GHz	Extended-range ZigBee, surface mount	2 miles / 3.2 km		$28.50	250 Kbps	100 mA / 31 mA	S2C	US, CA, AU, BR
	XBee® ZB	2.4 GHz	ZigBee mesh, low-cost, low-power, through-hole	400 ft / 120 m	Through-hole	$17.00	250 Kbps	N/A	S2	US, CA, EU, AU, BR, JP
	XBee-PRO® ZB	2.4 GHz	Extended-range ZigBee, through-hole	2 miles / 3.2 km		$28.00	250 Kbps	205 mA / 47 mA	S2B	US, CA, AU, BR
		2.4 GHz	International/"J" variant	5000 ft / 1.5 km		$28.00	250 Kbps		S2B	US, CA, EU, AU, BR, JP
DigiMesh® Proprietary	XBee-PRO® 900HP	900 MHz	Extended-range peer-to-peer mesh, sleeping routers (900 MHz)	9 miles / 14.5 km	Through-hole	$39.00	10 Kbps or 200 Kbps	215 mA / 29 mA	S3B	US, CA, AU, BR
	XBee® 865/868LP	865 MHz or 868 MHz	Low-power peer-to-peer mesh for India (865 MHz) or Europe (868 MHz)	2.5 miles / 4 km	SMT	$23.00	10 Kbps or 80 Kbps	48 mA / 27 mA	S8	India, EU
	XBee® DigiMesh® 2.4	2.4 GHz	Low-cost, low-power peer-to-peer mesh, sleeping routers	300 ft / 90 m	Through-hole	$19.00	250 Kbps	45 mA / 50 mA	S1	US, CA, EU, AU, BR, JP
	XBee-PRO® DigiMesh® 2.4	2.4 GHz	Extended-range peer-to-peer mesh, sleeping routers (2.4 GHz)	1 mile / 1.6 km		$32.00	250 Kbps	250 mA / 55 mA	S1	US, CA, AU, BR
		2.4 GHz	International/"J" variant	3200 ft / 1 km		$32.00	250 Kbps	150 mA / 55 mA	S1	US, CA, EU, AU, BR, JP

S1

S2

S2B

S2C

S3B

S5

S6B

S8