



# MAXSTREAM Embedded Wireless Products



Wireless Solutions

Easy-to-Use! No configuration is necessary for out-of-box RF operation. Simply feed data into one module, then the data is sent out the other end of the wireless link. If more advanced functionality is needed, the modules support an extensive set of AT commands.

MaxStream 900 MHz solutions are certified for use in North American, but integrators in Europe must use MaxStream's 2.4 GHz solutions.

<p><b>XBee Specifications:</b></p> <ul style="list-style-type: none"> <li>Indoor/Urban Range: Up to 100' (30m)</li> <li>Outdoor Line-of-Sight Range: Up to 300' (100m)</li> <li>Transmit Power Output: 1mW (0dBm)</li> <li>Power-Down Current: &lt;10µA</li> <li>Operating Frequency: 2.4GHz</li> <li>RF Data Rate: 250,000bps</li> </ul> <p>RoHS Compliant</p> 	<p><b>XBee-Pro Specifications:</b></p> <ul style="list-style-type: none"> <li>Indoor/Urban Range: Up to 300' (100m)</li> <li>Outdoor Line-of-Sight Range: Up to 1 mile (1.6km)</li> <li>Transmit Power Output: 100mW (20dBm) EIRP</li> <li>Power-Down Current: &lt;10µA</li> <li>Operating Frequency: 2.4GHz</li> <li>RF Data Rate: 250,000bps</li> </ul> <p>RoHS Compliant</p> 
---	---

## 900MHZ

### Development Kits

MOUSER STOCK NO.	Maxstream Part No.	Frequency	OTA Data Rate	Antenna	Connector	Temperature	Price Each
<a href="#">888-X09-009-DK</a>	X09-009-DK	900 MHz - XStream	9600	RPSMA	RPSMA	0°C to +70°C	<b>409.00</b>
<a href="#">888-X09-019-DK</a>	X09-019-DK	900 MHz - XStream	19200	RPSMA	RPSMA	0°C to +70°C	<b>409.00</b>
<a href="#">888-XT09-DK</a>	XT09-DK	900MHz - XTend	software setable	RPSMA/MMCX	RPSMA & MMCX	0°C to +70°C	<b>499.00</b>
<a href="#">888-XC09-009-DK</a>	XC09-009-DK	900MHz - XCite	9600	RPSMA	RPSMA	0°C to +70°C	<b>149.00</b>
<a href="#">888-XC09-038-DK</a>	XC09-038-DK	900MHz - XCite	38400	RPSMA	RPSMA	0°C to +70°C	<b>149.00</b>

### OEM Modules

<a href="#">888-X09-009NSC</a>	X09-009NSC	900 MHz - XStream	9600	No	RPSMA	0°C to +70°C	<b>153.00</b>
<a href="#">888-X09-019NSC</a>	X09-019NSC	900 MHz - XStream	19200	No	RPSMA	0°C to +70°C	<b>153.00</b>
<a href="#">888-X09-009NMC</a>	X09-009NMC	900 MHz - XStream	9600	No	MMCX	0°C to +70°C	<b>123.76</b>
<a href="#">888-X09-019NMC</a>	X09-019NMC	900 MHz - XStream	19200	No	MMCX	0°C to +70°C	<b>123.76</b>
<a href="#">888-X09-009WNC</a>	X09-009WNC	900 MHz - XStream	9600	Yes	3" Wire	0°C to +70°C	<b>121.99</b>
<a href="#">888-X09-019WNC</a>	X09-019WNC	900 MHz - XStream	19200	Yes	3" Wire	0°C to +70°C	<b>121.99</b>
<a href="#">888-XT09-SI</a>	XT09-SI	900MHz - XTend	Software Setable	No	RPSMA	0°C to +70°C	<b>201.38</b>
<a href="#">888-XT09-MI</a>	XT09-MI	900MHz - XTend	Software Setable	No	MMCX	0°C to +70°C	<b>201.38</b>

### PKG Product

MOUSER STOCK NO.	Maxstream Part No.	Frequency	OTA Data Rate	Interface	Accessories	Temperature	Price Each
<a href="#">888-X09-009PKC-RA</a>	X09-009PKC-RA	900 MHz - XStream	9600	RS-232	Yes	0°C to +70°C	<b>250.00</b>
<a href="#">888-X09-019PKC-RA</a>	X09-019PKC-RA	900 MHz - XStream	19200	RS-232	Yes	0°C to +70°C	<b>250.00</b>
<a href="#">888-X09-009PKC-UA</a>	X09-009PKC-UA	900 MHz - XStream	9600	USB	Yes	0°C to +70°C	<b>250.00</b>
<a href="#">888-X09-019PKC-UA</a>	X09-019PKC-UA	900 MHz - XStream	19200	USB	Yes	0°C to +70°C	<b>250.00</b>
<a href="#">888-XT09-PKI-RA</a>	XT09-PKI-RA	900MHz - XTend	Software Setable	RS-232	Yes	-40°C to +85°C	<b>299.00</b>
<a href="#">888-XT09-PKI-RA</a>	XT09-PKI-RA	900MHz - XTend	Software Setable	USB	Yes	-40°C to +85°C	<b>299.00</b>

### Antennas

MOUSER STOCK NO.	Maxstream Part No.	Connector Type	Gain	Length	Material	Price Each
<a href="#">888-A09-HASM-675</a>	A09-HASM-675	RPSMA male	2.1dBi	6"	Rubber	<b>20.00</b>
<a href="#">888-A09-HBMM-P5I</a>	A09-HBMM-P5I	MMCX w/5" pigtail cable	2.1dBi	7"	Rubber	<b>21.00</b>

## 2.4GHZ

### Development Kits

MOUSER STOCK NO.	Maxstream Part No.	Frequency	OTA Data Rate	Antenna	Connector	Temperature	Price Each
<a href="#">888-X09-009NSC</a>	X24-019-DK	2.4 GHz - XStream	19200	RPSMA	RPSMA	0°C to +70°C	<b>409.00</b>
<a href="#">888-X09-019NSC</a>	X24-009-DK	2.4 GHz - XStream	9600	RPSMA	RPSMA	0°C to +70°C	<b>409.00</b>
<a href="#">888-X09-009NMC</a>	XB24-PDK	2.4GHz - XBee	256000	u.fl/chip/wire	u.fl	-40°C to +85°C	<b>329.00</b>
<a href="#">888-X09-019NMC</a>	XB24-DKS	2.4GHz - XBee	256000	u.fl/chip/wire	u.fl	-40°C to +85°C	<b>129.00</b>
<a href="#">888-X09-009WNC</a>	XBP24-DKS	2.4GHz - XBee	256000	u.fl/chip/wire	u.fl	-40°C to +85°C	<b>179.00</b>

### OEM Modules

<a href="#">888-X24-009NSC</a>	X24-009NSC	2.4 GHz - XStream	9600	No	RPSMA	0°C to +70°C	<b>98.19</b>
<a href="#">888-X24-019NSC</a>	X24-019NSC	2.4 GHz - XStream	19200	No	RPSMA	0°C to +70°C	<b>98.19</b>
<a href="#">888-X24-009NMC</a>	X24-009NMC	2.4 GHz - XStream	9600	No	MMCX	0°C to +70°C	<b>96.20</b>
<a href="#">888-X24-019NMC</a>	X24-019NMC	2.4 GHz - XStream	19200	No	MMCX	0°C to +70°C	<b>96.20</b>
<a href="#">888-X24-009WNC</a>	X24-009WNC	2.4 GHz - XStream	9600	Yes	3" Wire	0°C to +70°C	<b>94.22</b>
<a href="#">888-X24-019WNC</a>	X24-019WNC	2.4 GHz - XStream	19200	Yes	3" Wire	0°C to +70°C	<b>94.22</b>
<a href="#">888-XB24-ACI-001</a>	XB24-ACI-001	2.4GHz XBee	256000	Yes	chip	-40°C to +85°C	<b>22.50</b>
<a href="#">888-XB24-AWI-001</a>	XB24-AWI-001	2.4GHz XBee	256000	Yes	wire	-40°C to +85°C	<b>22.50</b>
<a href="#">888-XB24-AUI-001</a>	XB24-AUI-001	2.4GHz XBee	256000	No	u.fl	-40°C to +85°C	<b>22.50</b>
<a href="#">888-XBP24-ACI-001</a>	XBP24-ACI-001	2.4GHz XBee-PRO	256000	Yes	chip	-40°C to +85°C	<b>32.00</b>
<a href="#">888-XBP24-AWI-001</a>	XBP24-AWI-001	2.4GHz XBee-PRO	256000	Yes	wire	-40°C to +85°C	<b>32.00</b>
<a href="#">888-XBP24-AUI-001</a>	XBP24-AUI-001	2.4GHz XBee-PRO	256000	No	u.fl	-40°C to +85°C	<b>32.00</b>

### PKG Product

MOUSER STOCK NO.	Maxstream Part No.	Frequency	OTA Data Rate	Interface	Accessories	Temperature	Price Each
<a href="#">888-X24-009PKC-RA</a>	X24-009PKC-RA	2.4 GHz - XStream	9600	RS-232	Yes	0°C to +70°C	<b>198.00</b>
<a href="#">888-X24-019PKC-RA</a>	X24-019PKC-RA	2.4 GHz - XStream	19200	RS-232	Yes	0°C to +70°C	<b>198.00</b>
<a href="#">888-X24-009PKC-UA</a>	X24-009PKC-UA	2.4 GHz - XStream	9600	USB	Yes	0°C to +70°C	<b>198.00</b>
<a href="#">888-X24-019PKC-UA</a>	X24-019PKC-UA	2.4 GHz - XStream	19200	USB	Yes	0°C to +70°C	<b>198.00</b>
<a href="#">888-XBP24-PKI-001-RA</a>	XBP24-PKI-001-RA	2.4GHz XBee	256000	RS-232	Yes	-40°C to +85°C	<b>109.00</b>
<a href="#">888-XBP24-PKC-001-UA</a>	XBP24-PKC-001-UA	2.4GHz XBee	256000	USB	Yes	-40°C to +85°C	<b>119.50</b>

### Antennas

MOUSER STOCK NO.	Maxstream Part No.	Connector Type	Gain	Length	Material	Price Each
<a href="#">888-A24-HASM-525</a>	A24-HASM-525	RPSMA male	2.1dBi	6"	Rubber	<b>20.00</b>
<a href="#">888-A24-HABMM-P5I</a>	A24-HABMM-P5I	MMCX w/5" pigtail cable	2.1dBi	7"	Rubber	<b>21.00</b>
<a href="#">888-A24-HASM-450</a>	A24-HASM-450	RPSMA male	2.1dBi	4.5"	Rubber	<b>9.50</b>
<a href="#">888-A24-HABUF-P5I</a>	A24-HABUF-P5I	U.FL	2.1dBi	5"	Rubber	<b>9.50</b>
<a href="#">888-JF1R6-CR3-4I</a>	JF1R6-CR3-4I	U.FL female to RPSMA female cable	n/a	4"	RG178 cable	<b>7.50</b>



Maxstream

NEW SUPPLIER

NEW SUPPLIER

NEW SUPPLIER

NEW SUPPLIER