

# Digi XBee® Wi-Fi

OEM Module with Fully Integrated Support for Digi Device Cloud



SHARE:

- Build cloud-connected Wi-Fi prototypes in under an hour
- Popular XBee Through-Hole and Surface-Mount footprints
- Ideal for Industrial Applications that require fast time to market
- Easily connect to a smartphone or tablet for configuration or data transfer
- 802.11b/g/n provides up to 72 Mbps data rate

HOW TO BUY

OVERVIEW	PART NUMBERS & ACCESSORIES
SPECIFICATIONS	RESOURCES
PRODUCT SUPPORT	

Features
Serial Data Interface
UART up to 1 Mbps, SPI up to 6 Mbps
Serial Data Throughput
UART up to 320 Kbps, SPI up to 1 Mbps
Configuration Method
API or AT commands
Frequency Band
ISM 2.4 GHz
ADC Inputs
4 (12-bit)

Digital I/O	<div>877-912-3444</div> <div>952-912-3444</div> <div>HIDE THIS WINDOW</div>
10	
Form Factor	
Through-Hole, Surface-Mount	
Antenna Options	
Through-Hole: PCB (Embedded), U.FL, RPSMA, Integrated Wire SMT: PCB (Embedded), U.FL, RF Pad	<div>DO YOU HAVE A QUESTION?</div>
Operating Temperature	
-30° C to +85° C	
Dimensions (L x W)	
Through-Hole: 0.960 in x 1.297 in (2.438 cm x 3.294 cm) SMT: 0.87 in x 1.33 in x 0.12 in (2.20 cm x 3.40 cm x 0.30 cm)	
<b>Networking &amp; Security</b>	
Security	
WPA-PSK, WPA2-PSK and WEP	
Channels	
13 channels	
<b>Wireless LAN</b>	
Standard	
802.11b/g/n	
Data Rates	
1 Mbps to 72 Mbps	
Modulation	
802.11b: CCK, DSSS 802.11g/n: OFDM with BPSK, QPSK, 16-QAM, 64-QAM	
Transmit Power	
Up to +16 dBm (+13 dBm for Europe/Australia/Brazil)	
Receiver Sensitivity	
-93 to -71 dBm	

Power Requirements	877-912-3444 952-912-3444
Supply Voltage	
3.14 - 3.46 VDC	
Transmit Current	
Up to 309 mA	
Receive Current	HIDE THIS WINDOW
100 mA	
Power-Down Current	
<6 µA @ 25° C	
Regulatory Approvals	
FCC (USA)	Yes
IC (Canada)	
CE/ETSI (Europe)	Yes
C-TICK (Australia)	
Telec (Japan)	Yes
Anatel (Brazil)	
	Yes