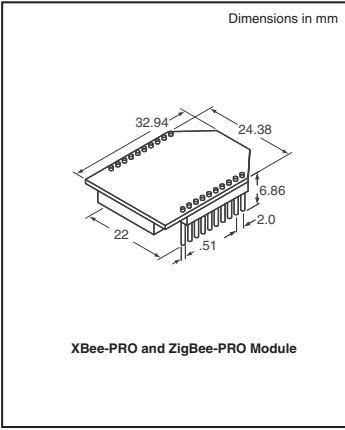




XBee®, XBee-PRO®, ZigBee® and ZigBee-PRO® Wireless Modules (Cont.)



Frequency	Power Output	RF Data Rate (Baud)	Connection / Antenna Type	Digi-Key Part No.	Price Each	Digi International Part No.
NEW! ZigBee-PRO Modules — RoHS Compliant NEW!						
2.4GHz	18dBm 18dBm 18dBm	250kbps 250kbps 250kbps	PCB, Surface Mount	602-1179-ND	31.42	XB24BZ7PIT-004
			RP-SMA	602-1180-ND	32.54	XB24BZ7SIT-004
			On-Board, Wire Whip	602-1181-ND	31.42	XB24BZ7WIT-004
ZigBee Modules						
2.4GHz	2mW 2mW 2mW 2mW	250K 250K 250K 250K	Chip Antenna	602-1096-ND◆	22.68	XB24-Z7CIT-004
			U.FL Connector	602-1097-ND	22.68	XB24-Z7UIT-004
			Wire Antenna	602-1098-ND	22.68	XB24-Z7WIT-004
			RPSMA Connector	602-1099-ND◆	29.68	XB24-Z7SIT-004
ZigBee-PRO Modules						
2.4GHz	50mW 50mW 50mW 50mW	250K 250K 250K 250K	Chip Antenna	602-1100-ND	41.13	XB24-Z7CIT-004
			U.FL Connector	602-1101-ND	41.13	XB24-Z7UIT-004
			Wire Antenna	602-1102-ND	41.13	XB24-Z7WIT-004
			RPSMA Connector	602-1103-ND	43.53	XB24-Z7SIT-004
900MHz	50mW 100mW	156K 9.6K	U.FL Connector	602-1131-ND◆	42.64	XB24-Z7SIT-004
			U.FL Connector	602-1132-ND◆	43.76	XB24-Z7SIT-004
NEW! Finished XBee Units — RoHS Compliant NEW!						
2.4GHz	1dBm 1dBm 4.5dBm 1dBm 17dBm 17dBm 10dBm 17dBm 17dBm 17dBm	250K 250K 250K 250K 250K 250K 250K 250K 250K 250K	Transceiver	602-1142-ND	77.43	XA-Z16-CS5RL
			Transceiver	602-1143-ND	77.43	XA-Z16-CS4RL
			XSTICK USB	602-1144-ND	54.99	XU-Z11
			RS485	602-1147-ND	77.43	XA-Z16-CS3RL
			RS232	602-1148-ND	77.43	XA-Z16-CS2RL
			Router	602-1149-ND	77.43	XR-Z14-CW1P1
			Analog RPSMA	602-1150-ND	88.65	XA-Z14-CS5P-A
			Digital RPSMA	602-1151-ND	88.65	XA-Z14-CS4P-W
			RS485 RPSMA	602-1152-ND	88.65	XA-Z14-CS3P-A
			RS232 RPSMA	602-1153-ND	88.65	XA-Z14-CS2P-A
USB	602-1154-ND	88.65	XA-Z14-CE1P-A			
XBee and XBee-PRO 2.5 Development Kits						
Developer's Starter Kit for XBee				XB24-DKS-ND	144.76	XB24-DKS
Developer's Kit for XBee-PRO				XB24-DKS-ND◆	200.87	XB24-DKS
Development Kit for XBee-PRO				XB24-PDK-ND◆	380.41	XB24-PDK
XBee-PRO and XBee Development Kits						
Development Kit for XBee-PRO DigiMesh™ 900				602-1130-ND	335.53	XB24-DKS
Development Kit for XBee Multipoint RF Modules				602-1133-ND◆	167.20	XB24-DKS
Development Kit for XBee-PRO ZB Programmable				602-1182-ND◆ NEW!	475.52	XB24-DKS

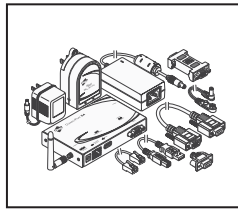
◆ RoHS Compliant

NEW! iDigi™ Development Kit

The iDigi Professional Development Kit ZB includes all the hardware and software tools necessary to deploy and configure a ZigBee network through the iDigi platform. By using the iDigi platform, developers can rapidly deploy and manage their applications remotely across a ZigBee network through an IP connection, without programming middleware applications.

Development Kit includes:

- ConnectPort X4 Ethernet gateway • XBee-PRO ZB RF module w/RPSMA connector • XBee ZB w/RF module Wire Whip antenna • XBee wall router • XBee USB interface board • XBee RS-232 interface board • North American version power supplies • Cables and documentation • Also includes Python programming tools for custom application development



Description	Digi-Key Part No.	Price Each	Digi International Part No.
ZigBee Networking Development Kit for iDigi Platform	602-1140-ND	345.22	XK-Z11-PD

Digi Connect® Wi-SP

The Digi Connect Wi-SP is built on leading NetSilicon® 32-bit NET+ARM technology. This wireless device server delivers a true plug-and-play device networking solution that combines the benefit of secure wireless networking technology with proven serial port connectivity. It is the ideal choice in retail, warehouse, healthcare and medical applications, allowing you to respond immediately to the ever-changing requirements and challenges.

Features:

- 32-bit NET+ARM high-performance RISC processor (NS7520 @ 55MHz) • 4MB Flash and 16MB RAM integrated • Switch-selectable RS-232/422/485 interface (DB-9M): Throughput up to 230,400 bps; 7, 8 data bits; 1, 1.5, 2 stop bits; None/Even/odd parity; Full signal support with software/hardware flow control • 802.11b wireless LAN interface; Infrastructure (BSS) and Ad-Hoc Mode (IBSS) • Flexible 9-30VDC power supply

Description	Digi-Key Part No.	Price Each	Digi International Part No.
2.4GHz Wireless Device Server Adapter	602-1032-ND	414.08	DC-WSP-01-S

Digi Connect® Wi-ME

The Digi Connect Wi-ME is a fully customizable and secure 802.11b wireless embedded module and makes fully transparent 802.11b integration possible without the traditional complexities of hardware and software integration work.

- 32-bit NET+ARM high-performance RISC processor (NS7520 @ 55MHz) • Radio pre-certified in North America, EU and Japan • 2 high-speed TTL serial interfaces • On-board memory 4MB Flash and 8MB RAM • WPA/WPA2/802.11i • Transmit power: 16dBm typical • Receive sensitivity: -82dBm @ 11Mbps • Five shared General Purpose Input/Output (GPIO) ports • High-speed TTL serial interface • 3.3VDC @ 400mA max (1.32W)

Description	Digi-Key Part No.	Price Each	Digi International Part No.
8MB SDRAM, 4MB Flash, Std. Firmware	602-1037-ND◆	145.88	DC-WME-01T-S
8MB SDRAM, 4MB Flash, Customizable	602-1038-ND◆	145.88	DC-WME-01T-C
Integration Kit (for use with "S" models)	602-1051-ND◆	335.53	DC-WME-KT
Development Kit without Raven Debugger (for use with "C" models)	602-1001-ND	828.15	DC-WME-01T-GN-NR
Customizable with JTAG Interface	602-1002-ND	279.42	DC-WME-01T-JT

◆ RoHS Compliant

Digi Connect® Wi-EM

The Digi Connect Wi-EM is a fully customizable and secure 802.11b wireless embedded module that provides integration flexibility in a variety of connection options, and makes fully transparent 802.11b integration possible without the traditional complexities of hardware and software integration work.

- Features: • 32-bit NET+ARM high-performance RISC processor (NS7520 @ 55MHz) • 2 high-speed TTL serial interfaces • Radio pre-certified in North America, EU and Japan • On-board memory 4MB Flash and 8MB RAM • WPA/WPA2/802.11i • Transmit power: 16dBm typical • Receive sensitivity: -82dBm @ 11Mbps • Five shared General Purpose Input/Output (GPIO) ports • High-speed TTL serial interface • 3.3VDC @ 400mA max (1.32W)

Description	Digi-Key Part No.	Price Each	Digi International Part No.
8MB SDRAM, 4MB Flash, Std. Firmware without antenna	602-1067-ND◆	166.92	DC-WEM-02T-NC
8MB SDRAM, 4MB Flash, Std. Firmware	602-1041-ND◆	157.10	DC-WEM-02T-S
Integration Kit (for use with "S" models)	602-1008-ND◆	335.53	DC-WEM-02T-KT
Development Kit without Raven Debugger (for use with "C" models)	602-1010-ND	828.15	DC-WEM-02T-GN-NR
Customizable Module with JTAG Interface	602-1012-ND◆	279.42	DC-WEM-02T-JT

◆ RoHS Compliant

ConnectCore™ Wi-9C

Highly-integrated, compact DIMM form factor module based on the 155MHz NS9360 ARM9 processor provides core processing functionality with integrated network connectivity. It enables original equipment manufacturers to design in main processor functionality and networking capabilities with a single, high performance solution.

- Features: • 32-bit NS9360 high performance RISC processor (155MHz) with MMU • Up to 4 high-speed TTL serial ports • Up to 4 SPI ports • IFC v1.0 bus interface • USB 2.0 Host/Device Interface • LCD Controller • General Purpose Timers/Counters/PWM • 4 programmable external interrupts • Up to 55 shared General Purpose Input/Output (GPIO) ports • Real-time clock • Pin-compatible wired and wireless modules • Standard: IEEE 802.11b/g • Transmit power: 16dBm typical • Receive sensitivity: -73dBm at 54Mbps • Connector: 1/2 x RP-SMA or 2 x U.FL

Description	Digi-Key Part No.	Price Each	Digi International Part No.
JumpStart Kit for Wi-9C with NET+OS	602-1068-ND	582.12	CC-W9C-NET
JumpStart Kit for Wi-9C with Windows CE	602-1077-ND	559.96	CC-W9C-CE6

ConnectCore™ 9P 9215

Digi's ConnectCore 9P 9215 family of modules utilize Digi's NET+ARM processor and secure 802.11a/b/g WLAN technology to offer the industry's only network-enabled core module with true long-term product availability, meeting the extended life requirements of embedded product designs. Features: • Compact form factor with interchangeable module design • Digi 32-bit NS9215 processor with power ARM926EJ-S core • Digi CPU and WLAN technology for true long-term availability • Up to 16 MB flash/32 MB RAM • 10/100 Mbit Ethernet interface • 802.11a/b/g wireless LAN • Strong WPA2/802.11i security • Power management modes • Industrial/extended temperature range

Description	Digi-Key Part No.	Price Each	Digi International Part No.
Highly Integrated Network-Enabled Core Module	CC-9P-V502-C-ND	77.43	CC-9P-V502-C
8MB SDRAM, 4MB Flash Module	602-1163-ND NEW!	1935.73	CC-9P-V502-C-B
8MB SDRAM, 4MB Flash Module	602-1162-ND NEW!	88.65	CC-9P-V502-ZA-C
16MB SDRAM, 8MB Flash Module	602-1161-ND NEW!	94.26	CC-9P-V513-LX
32MB SDRAM, 16MB Flash Module	602-1160-ND NEW!	111.09	CC-9P-V524-LX
802.11a/B/G	602-1158-ND NEW!	144.76	CC-W9P-V502-C
802.11a/B/G	602-1157-ND NEW!	3618.97	CC-W9P-V502-C-B
Jumpstart Kit for Wi-9P 802.11	602-1159-ND NEW!	475.52	CC-W9P-9215-NET

Antennas for Digi Wireless Modules

Description	Digi-Key Part No.	Price Each	Digi International Part No.
2.4GHz Dipole Antenna with 2dBi Gain	602-1064-ND◆	11.22	DC-ANT-24DP
2.4GHz Desktop Antenna with 2dBi Gain	602-1065-ND	22.44	DC-ANT-24DT
30cm Extension Cord with RP-SMA Bulkhead Connector	602-1066-ND◆	13.47	DC-ANT-E-24DP

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Free shipping on orders over \$200 CAD! All prices in Canadian dollars and include duty and brokerage fees.

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