Digi Connect ME®

Digi JumpStart Kits™

Digi JumpStart Kits for NET+OS® offer a complete development environment with a module and development board. They include Digi ESP Eclipse-based IDE, royalty-free RTOS solutions based on Express Logic's ThreadX, and Digi JTAG Link. Other Digi JumpStart Kits include the Microsoft Windows Embedded CE 6.0 and Embedded Linux products. All kits support our Digi Connect® family of wired and 802.11b wireless, ConnectCore™ Wi-9C 802.11 b/g wireless, and ConnectCore 7U/9C/9P modules.

Features

- Pin-compatible modules; single design effort supports wired or wireless designs
- Secure networking solutions with the highest level of wireless software security available
- Extended/industrial temperature available for deployment in widest range of applications
- Free support for 30 days upon registration (10 hours support maximum)

Benefits

- Wide variety of memory or memory/connector options to meet exact application need
- Powerful mix of application processing and advanced networking features supports many embedded applications
- Long-term availability assured through use of Digi-developed and sourced microprocessors and wireless radios
- Highly integrated with components to minimize overall design cost

Applications

- Industrial, automotive/transportation
- Time and attendance
- Remote data collection
- Medical patient monitoring/device networking
- Point-of-sale

Product Specifications

Part Number	Module Series	Processor	Memory	Firmware	Network Interface	WLAN Security	Power Requirements	Operating Temperature (ºC)	Dimensions (inches)	Form Factor
DC-ME-01T-S/C-x	Digi Connect ME	32-bit NS7520 @ 55 MHz ARM7TDMI Core	8 MB SDRAM & 2/4 MB FLASH	Configurable or NET+OS options available	10/100Base-T, full or half duplex	NA	3.3 VDC @ 250 mA typical (825 mW)	-40 to +85	1.445 x 0.75 x 0.735	ME family compatible
DC-WME-01T-S/C-x	Digi Connect Wi-ME	32-bit NS7520 @ 55 MHz ARM7TDMI Core	8 MB SDRAM & 4 MB FLASH	Configurable or NET+OS options available	802.11b wireless	WEP, WPA/ WPA2, 802.11i	3.3 VDC @ 400 mA max. (1.32W)	-30 to +75	1.945 x 0.75 x 0.735	ME family compatible
DC-EM-02T-S/C-x	Digi Connect EM	32-bit NS7520 @ 55 MHz ARM7TDMI Core	8 MB SDRAM & 4 MB FLASH	Configurable or NET+OS options available	10/100Base-T, full or half duplex	NA	3.3 VDC @ 270 mA max. (891 mW)	-40 to +85	1.935 x 1.575 x 0.670	EM family compatible
DC-WEM-02T-S/C-x	Digi Connect Wi-EM	32-bit NS7520 @ 55 MHz ARM7TDMI Core	8 MB SDRAM & 4 MB FLASH	Configurable or NET+OS options available	802.11b wireless	WEP, WPA/ WPA2, 802.11i	3.3 VDC @ 400 mA max. (1.32W)	-30 to +75	1.935 x 1.855 x 0.0653	EM family compatible
CC-9C-V2XX-X-x	ConnectCore 9C	32-bit NS9360 @ 155 MHz ARM7TDMI Core	Up to 128 MB SDRAM & 256 MB FLASH	NET+OS, Linux+Digi ESP, or Win CE 6.0	10/100Base-T, full or half duplex	NA	3.3 VDC @ 750 mA max. and USB host optional	-40 to +85	1.935 x 1.855 x 0.0653	9C family compatible
CC-W9C-V2XX-X-x	ConnectCore Wi-9C	32-bit NS9360 @ 155 MHz ARM7TDMI Core	Up to 128 MB SDRAM & 256 MB FLASH	NET+OS, Linux+Digi ESP, or Win CE 6.0	10/100Base-T, full or half duplex and 802.11a/b/g wireless	WEP, WPA/ WPA2, 802.11i	3.3 VDC @ 800 mA max. and USB host optional	-30 to +75	3.055 x 3.590 x 0.80	9C family compatible
CC-9P-XXX-X-x	ConnectCore 9P	32-bit NS9360 @ 177 MHz ARM7TDMI Core	Up to 128 MB SDRAM & 128 MB FLASH	NET+OS, Linux+Digi ESP, or Win CE 6.0	10/100Base-T, full or half duplex	NA	3.3 VDC @ 400 mA max. and USB host optional	0 to +70 industrial temp. available	2.362 x 1.732 x 0.0395	Not interchangeable
CC-7U-XXX-X-x	Connect Core 7U	32-bit NS7520 @ 55 MHz ARM7TDMI Core	16 MB SDRAM & 2/4 MB FLASH	NET+OS, Linux	10/100Base-T, full or half duplex	NA	3.3 VDC @ 280 mA max.	0 to +70 industrial temp. available	2.475 x 0.725	Not interchangeable

Related Information

Coming soon: The Digi Connect ME with support for .NET Micro Framework, a new development environment from Microsoft. Contact an Arrow sale representative for more information at 800-349-4960.