

Digi Connect ME™

Integration and Development Kits

Embedded Tools



Integration Kit

- Fast and simple tools to network enable your device using plug-and-play firmware

Development Kit

- Powerful and flexible NetSilicon NET+Works based development platform to create complete product customization options
- Software development fully migrates to chip solutions - protecting your design investment and future proofing your product

Today's competitive pressures dictate the need to complete product designs quickly by leveraging existing investments without compromising performance or product design integrity.

In a rapidly emerging world of connected devices, network collaboration provides immediate benefits such as universal information access and distribution, improved flexibility and a significant reduction of operational cost. Making the right network technology decisions is a key factor for market success and defines the competitive edge of your products.

True device networking is much more than just finding a way to connect devices to an Ethernet network, and the combination of Digi and NetSilicon technology delivers true device networking that is easy and cost-effective to implement, while being powerful enough to meet your future product performance needs.

The Digi Connect ME embedded device server module is the industry's most powerful and highly integrated embedded system platform that combines true plug-and-play functionality with the freedom and flexibility of complete product customization options based on the NetSilicon NET+Works® development platform.

Designed to keep pace with ever evolving network technology and built on leading NetSilicon 32-bit NET+ARM technology, the compact Digi Connect ME is the ideal choice to instantly web- and network-enable your products with a seamless migration path to a fully integrated system on-a-chip solution using the award-winning family of NetSilicon NET+ARM microprocessors - all without the complexity and cost of an entirely custom hardware and software solution.



Connectware™

www.digi.com

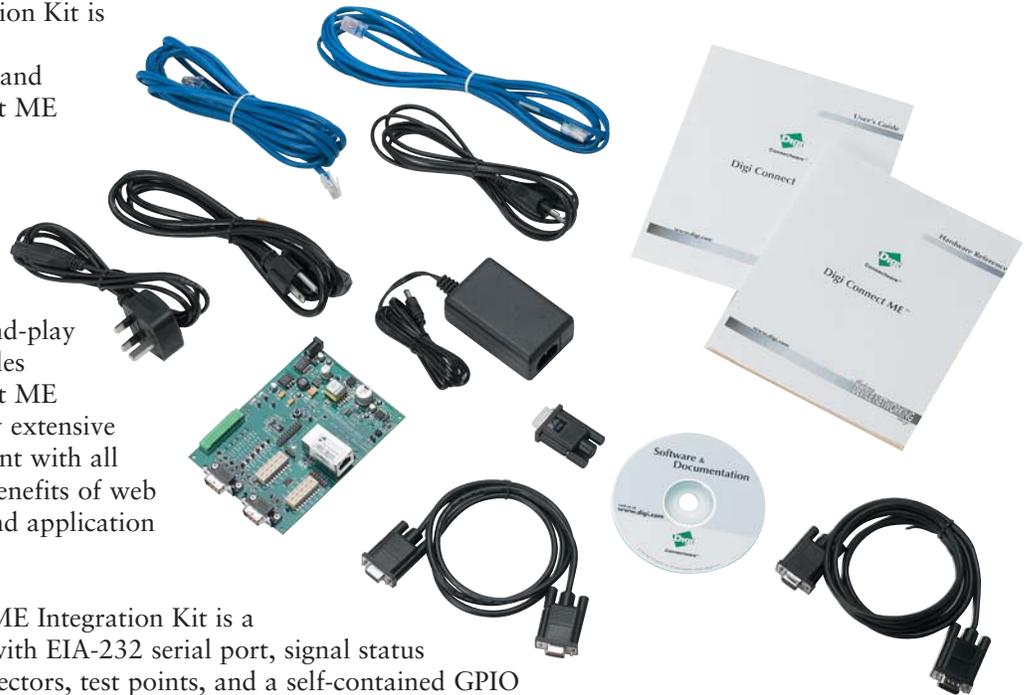
Making
DEVICE NETWORKING
easy™

Digi Connect ME™ Integration Kit

The Digi Connect ME Integration Kit is the ideal platform for product evaluation, rapid prototyping, and integration of the Digi Connect ME embedded device server.

Targeted specifically at customers who want to take advantage of the Digi Connect ME embedded device server with Digi plug-and-play firmware functionality, it enables integration of the Digi Connect ME embedded module without any extensive embedded software development with all the additional flexibility and benefits of web user interface customization and application specific java applets.

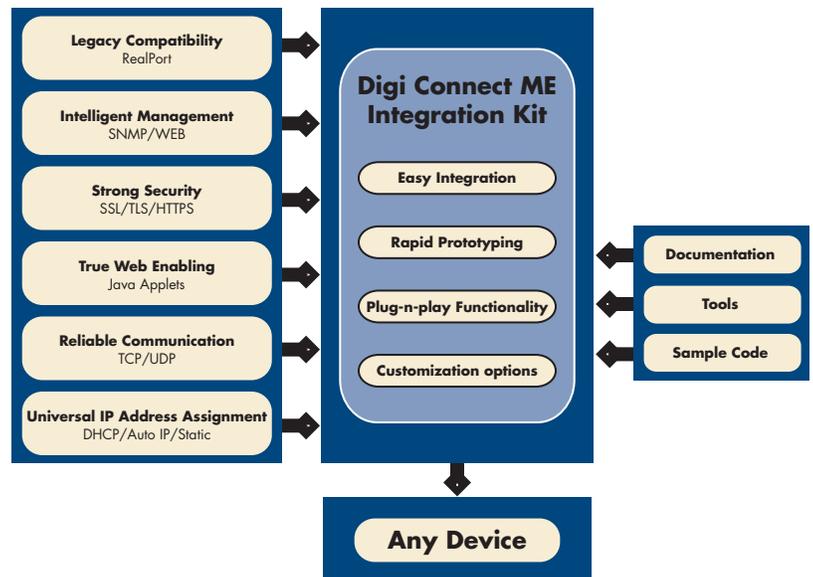
Included in the Digi Connect ME Integration Kit is a complete development board with EIA-232 serial port, signal status indicators, logic analyzer connectors, test points, and a self-contained GPIO test bed. It also includes cables, power supply, sample code, tools and utilities with source code and libraries, Microsoft Windows RealPort drivers, and full software and hardware documentation.



Digi Connect ME Integration Kit

FEATURES

- Complete set of hardware and software components
- Ideal platform for product evaluation, integration, and rapid prototyping
- Easy customization of application specific web user interface and application specific Java applets
- Integrated Internet update always keeps entire content of kit up-to-date
- Seamless migration path to a fully integrated system-on-chip solution



Digi Connect ME™ Development Kit

The Digi Connect ME Development Kit is an easy-to-use and royalty-free development platform that significantly reduces traditional design risk and accelerates the overall software development process.

It delivers the integrated building blocks to quickly and cost effectively create your own custom firmware for a Digi Connect ME based high-performance networking solution that fits the specific requirements of your application.

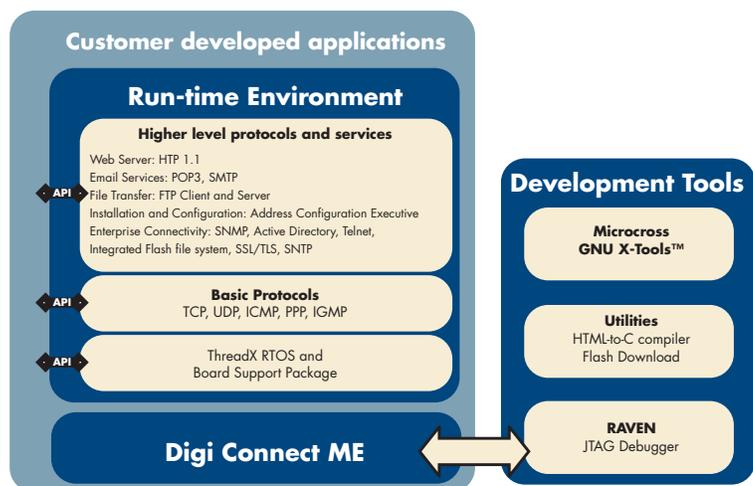
Based on the NET+Works family of platform solutions, the Digi Connect ME Development Kit enables you to integrate custom network connectivity into your products quickly by providing a full suite of development tools, a development board, cables, power supply, hardware debugger, a royalty-free runtime environment, and a complete set of networking protocols and applications software.



FEATURES

- Integrated and complete out-of-the-box solution for embedded software development
- Easy-to-use and royalty-free NET+Works development platform
- Reduces design risk and accelerates software development process
- Cost-effective and quick development of embedded applications
- Seamless migration path to a fully integrated system-on-chip solution

Digi Connect ME Development Kit



Content Overview

DIGI CONNECT ME INTEGRATION KIT CONTENT

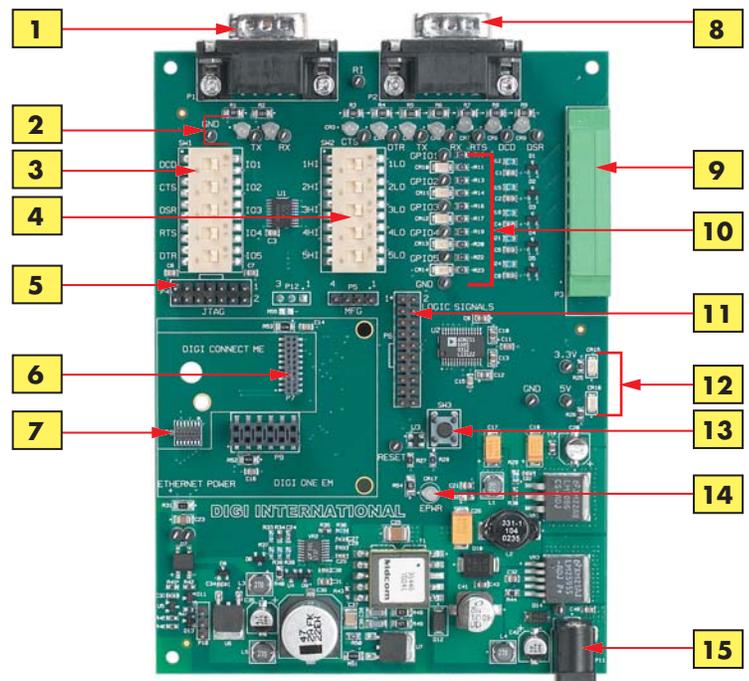
- Digi Connect ME
- Development Board
- Software
- Tools and Utilities
- Network Discovery Tool
- Source Code and Libraries
- Socket Services / SSL Sample Code
- RealPort Drivers for Microsoft Windows
- Documentation
 - Digi Connect ME Hardware Reference
 - Digi Connect ME Users Guide
 - Digi Connect ME Integration Guide
 - Mechanical Drawings and Schematics
- Cables
 - Straight-Thru and Crossover Serial Cables
 - Straight-Thru and Crossover Network Cables
- Loop-Back Adapter
- AC Power Supply (9-30V DC)

DIGI CONNECT ME DEVELOPMENT KIT CONTENT

- Digi Connect ME w/JTAG
- Development Board
- Macraigor Raven JTAG Debugger
- NET+Works Software Components
 - Microcross GNU X-Tools™
 - ThreadX™ Real Time Operating System
 - FUSION™ TCP/IP Stack
 - Allegro Software Embedded Web Server
 - Micro XML SAX Parser
 - SNMP MIB Compiler
 - SSL 3.0/TLS 1.0
 - Embedded File System
 - Sample Code
- Documentation
 - Digi Connect ME Hardware Reference
 - NET+OS Programmer's Guide
 - NET+OS Online API Reference
 - Advanced Web Server Toolkit Guide
- Cables
 - Straight-Thru and Crossover Serial Cables
 - Straight-Thru and Crossover Network Cables
- Loop-Back Adapter
- AC Power Supply (9-30V DC)

DEVELOPMENT BOARD

- 1 Debug Port (for Development Kit use only)
- 2 Serial Port and Debug Port Status LEDs
- 3 Switch Bank for GPIO Selection
- 4 Switch Bank for GPIO Signal Level
- 5 External JTAG Header
- 6 Digi Connect ME Power/Serial Connector
- 7 Digi Connect ME JTAG Connector
- 8 EIA-232 Serial Port (DB-9)
- 9 External GPIO Port with 10-pin screw-flange
- 10 GPIO Status LEDs
- 11 External Digital Signal Analyzer Port
- 12 3.3V / 5V Power Status LEDs
- 13 Reset Button
- 14 Power over Ethernet Status LED
- 15 Main Power Connector (9-30V DC)



DIGI SERVICE AND SUPPORT

You can purchase with confidence knowing that Digi is here to support you with expert technical support and a strong five-year warranty. <http://support.digi.com>

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