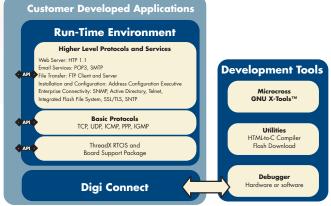
ConnectCore[™] 9C

Powerful ARM9 Core Module

Highly-integrated, compact DIMM form factor module based on the 155 MHz NS9360 ARM9 processor provides core processing functionality with integrated network connectivity.



Features

- Powerful 32-bit NS9360 processor
 ARM926EJ-S RISC core with DSP/Jazelle enhancements
- Compact SO-DIMM design
- Low power consumption
- Sleep mode power management
- Industrial operating temperature
- 4 MB Flash, 16 MB RAM integrated
- 10/100 Mbit Ethernet interface with on-board RJ-45 connector
- 802.3af power pass-through
- Up to four high-speed serial ports - UART and SPI mode configurable
- I²C bus interface
- USB 1.1/2.0 compliant host/device
 On-board host connector option
- Integrated LCD controller
 Supports active matrix TFT or single/dual panel STN displays (color/monochrome)
- Population options available
 Processor, memory, connectors

Overview

The ConnectCore 9C is a powerful and network optimized ARM9-based core module. It enables original equipment manufacturers to design in main processor functionality and networking capabilities with a single, high-performance solution.

The ConnectCore 9C delivers complete and versatile embedded network connectivity while providing additional main processor performance and bandwidth to handle sophisticated embedded applications. These include building automation systems, POS systems, RFID readers, medical devices, instrumentation, networked displays, transportation systems, industrial automation systems and many more.

Built on leading NetSilicon 32-bit NET+ARM technology, the ConnectCore 9C module also provides a seamless migration path to a fully integrated system-on-chip solution. Based on the easy-to-use and entirely royalty-free NetSilicon NET+Works® development platform, the ConnectCore 9C delivers a complete out-of-the-box solution for embedded software development. It provides all the integrated building blocks needed to quickly and cost-effectively create secure and fully network-enabled product solutions. This minimizes design risk and significantly accelerates the overall embedded software development process.

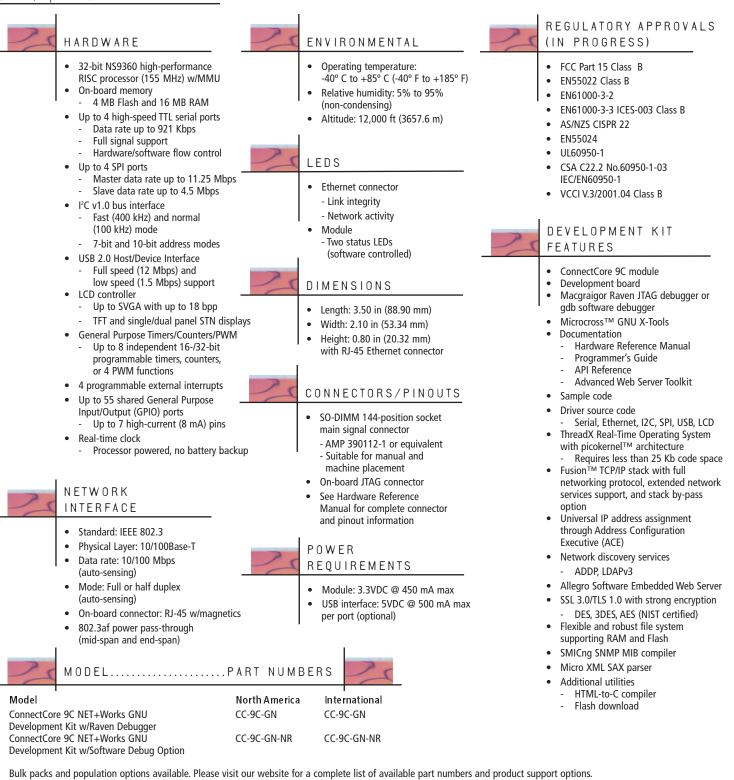
Complete development kits containing the module, development board, documentation, sample code, hardware/software debugging options, cables and accessories are available for evaluation and development use.

Making

Please contact us at 1-877-OEM-DIGI or 952-912-3444 for additional information or to discuss your specific application requirements.







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