



New RISC Embedded Computer Offers Unmatched I/O and Windows CE 6.0

For Immediate Release
Liberty, South Carolina USA
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PRODUCT HIGHLIGHTS

- Atmel 200MIPS ARM9 RISC Processor
- LCD and Backlight Controller
- Resistive Touchscreen Controller
- 10/100 BaseT Ethernet
- One USB Device and Two USB Host Ports
- CAN Bus 2.0B Interface
- Serial, Digital, and Analog I/O
- Low Power Requirements
- -40°C – +85°C Operating Temperature Range
- Includes Windows CE 6.0 BSP Binary

The [Relio R9](#) delivers RISC computing power in a compact, rugged package. Packed with a wealth of I/O features and using the latest embedded software environment, the system is based on the Atmel AT91SAM9263™ processor boasting a 32-bit ARM instruction set for maximum performance. The [Relio R9](#) is the perfect platform for embedded applications requiring small size, wide operating temperature range, and flexible I/O connectivity.

Available with up to 256MB RAM and 256MB Flash memory, the unmatched I/O features of the Relio R9 extend the possible uses beyond traditional ARM applications. Standard I/O includes Ethernet, serial, USB, CAN Bus, digital and analog interface. For local or remote I/O expansion, the [Relio R9](#) connects to Sealevel SeaI/O modules via the dedicated RS-485 expansion port and communicates via RS-485 Modbus RTU.

To provide the fastest time to market, the Windows CE 6.0 BSP binary and low-level drivers for system I/O are included. Additionally, the R9 software package is equipped with the Sealevel Talos I/O Framework, which offers a high-level object-oriented .NET Compact Framework (CF) device interface. This interface provides an I/O point abstraction layer with built-in support for the specific needs of analog and digital I/O such as gain control and debouncing.

The [Relio R9](#) is housed in a rugged, small enclosure suitable for mounting almost anywhere and is rated for a full -40°C – +85°C operating temperature range. The [Relio R9](#) is priced from \$599.00, and a QuickStart Development Kit is available. For applications with specialized hardware requirements, system designers can use the [Relio R9](#) as a platform for application development while a customized target system is designed for specific application requirements.

SEALEVEL

SYSTEMS INCORPORATED

Sealevel Systems, founded in 1986, provides industrial computing solutions in addition to a variety of communications and I/O products including PCI Bus cards, Ethernet serial servers, USB serial adapters, PCMCIA cards, and PC/104 modules. The product line includes multi-port RS-232, RS-422/485, RS-232/422/485 multi-interface high-speed sync/async, and digital/relay I/O. For more information, visit www.sealevel.com or call 864-843-4343.

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