

**Atlantik Elektronik presents Industry's Fastest ARM9 Based
Wired and Wireless Embedded Core Module Family****New family ideal for devices with displays and multimedia
requirements**

Planegg, 26. March 2009

Atlantik Elektronik GmbH presents the industry's fastest ARM9-based, network enabled embedded core modules. Supporting both Windows CE and Linux operating systems, the pin-compatible wired and 802.11a/b/g core modules feature state-of-the-art peripherals, rich development resources and speed making the products ideal for display and embedded multimedia applications. This includes embedded applications in networked displays, medical devices, building access controls, energy management devices, time and attendance devices, scales and other devices with multimedia or display technology.

The ConnectCore 9M 2443 series is 33 percent faster than any other ARM9-based core module available. This level of speed can reduce development time by allowing engineers to reuse existing ARM9 code in wired and wireless applications that require high levels of speed and support.

Based on the Samsung S3C2443 ARM9 microprocessor and operating at up to 533 MHz, the ConnectCore 9M 2443 and ConnectCore Wi-9M 2443 feature a multilayered memory bus architecture that allows simultaneous data transfer between processor, memory and peripherals. This eliminates the traditional bus bandwidth bottlenecks that are common on other platforms.

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For example, updating graphical information through the LCD controller and retrieving data from memory at the same time can now be realized without compromising overall performance and user experience.

The modules also feature a full set of peripheral and multimedia connectivity options including an integrated LCD controller, USB 2.0 support and support for SD Memory cards. This allows embedded developers to support the latest peripherals in their products.

Additionally, the modules feature off-the-shelf hardware and software support for all power management modes making the modules ideal for low power and battery power/mobile applications.

Characters: 2.193 (with spaces)

About Atlantik Elektronik GmbH

Atlantik Elektronik is a company of the Atlantik Networxx Group. The company is marketer and design-in-specialist of innovative semiconductors and semiconductor solutions, specifically for High-End-Markets, and also provides engineering solutions and production capacities to customers. Atlantik is a trendscout for new developments and new technologies. The competences and the product portfolio of the company are in the field of Embedded Microcontroller, Wireless, Connectivity, Infotainment and System Solutions.

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