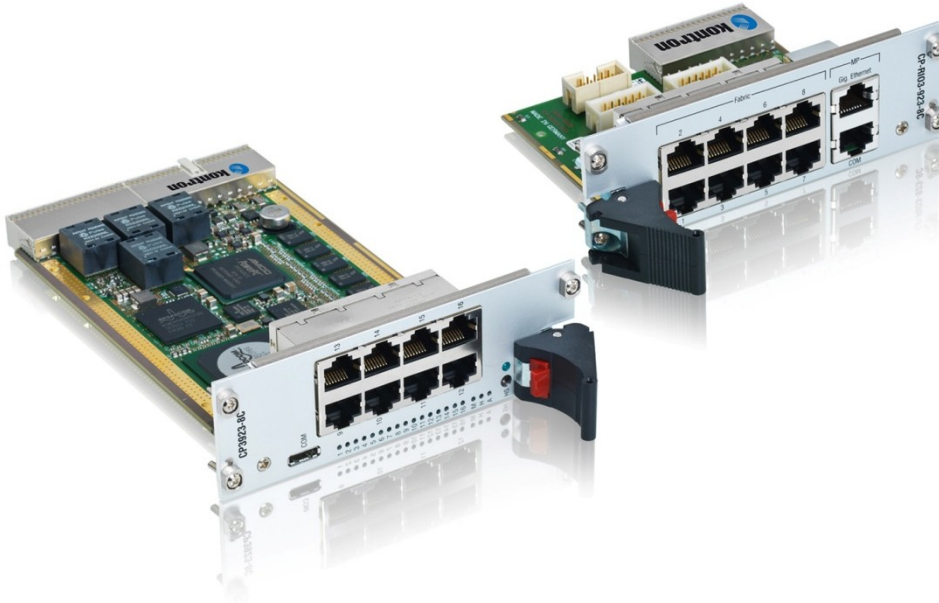


» For Immediate Release «

## 3U CompactPCI® IPv4/v6 Kontron Gigabit Ethernet Switch CP3923 with superior price & performance

More communication power for demanding applications



**Eching, Germany, June 10, 2010** – Kontron announced today the latest member of the [3U CompactPCI®](#) product family for IPv4/v6 communication networks and network-centric applications: the [Kontron Gigabit Ethernet Switch CP3923](#). With up to 16 Gigabit Ethernet ports, the Kontron CP3923 fully managed switch is a cost-effective high-performance solution for harsh environments. The target markets include [networking](#), [transportation](#), aerospace, [military](#) and [automation](#).

“The new 3U CompactPCI® switch is designed to meet the growing demand for high performance IPv4/v6 Ethernet switching for rugged intra- and inter-system communications. With its implemented Kontron Embedded Network Technology, that unifies an advanced feature set and a wide range of operational interfaces across multiple form factors, the Kontron CP3923 enables system designers to build new applications most efficiently”, says Sandra Korsinek, Product Manager for 3U CompactPCI® at Kontron. “The extensive management capabilities of the Kontron CP3923 plus our configuration services for OEM applications reduce customers’ hardware and software design efforts, thus minimizing costs and time-to-market”.

The Kontron Gigabit Ethernet Switch CP3923 is a fully managed Layer 2/3 Gigabit Ethernet (GbE) switch offering IPv4 routing and optional IPv6 routing as well as full management capabilities. It supports powerful CLI, Telnet, Web, and SNMP management interfaces to configure the entire set of protocols and parameters including Layer 2 and Layer 3 (IPv4/v6) protocols, Multicasting, QoS, and

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Security. For applications requiring higher bandwidth, it also supports link aggregation. On top of that, the Kontron CP3923 maximizes the reliability of [rugged COTS](#) applications by supporting Intelligent Platform Management (IPMI) and hot-swap capabilities.

The base configuration (CP3923-8C) supports eight GbE ports via RJ45 and eight GbE ports via rear I/O to ensure highest connectivity capabilities and broadband flexibility. Two additional versions directly target transportation and mobile applications, providing four (CP3923-4M) or eight (CP3923-8M) Fast Ethernet ports via M12-D connectors. All versions support eight GbE via rear I/O. To have access to the 8x GbE ports routed to the rear, a special Rear Transition Module is available.

Designed to meet the highest reliability and ruggedization requirements of harsh environments, the new Kontron CP3923 is compliant with the EN 50155 railway standard and offers an extended operating temperature range (E2) of -40°C to +85°C. Additionally, the use of soldered components ensures resistance against the typical effects of shock and vibration. For even harsher environments a rugged conduction-cooled version is planned.

The Kontron Gigabit Ethernet Switch CP3923 with Kontron Embedded Network Technology is available now. The Kontron Embedded Network Technology offers a unified advanced feature set and operational interfaces across multiple form factors including [CompactPCI®](#), [VPX/OpenVPX™](#), [VME](#), [MicroTCA®](#), and [ATCA®](#). This enables OEMs to efficiently re-use their switching expertise, improving time-to-market, and total-cost-of-ownership. Kontron Embedded Switches are designed for maximum ease of use and support easy configuration and operation in the field.

For more information on the Kontron Gigabit Ethernet switch CP3923, please visit:

<http://www.kontron.com/products/boards+and+mezzanines/3u+compactpci/network/cp3923.html>

For more information on CompactPCI, please visit:

<http://www.kontron.com/cpci>

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**3U CompactPCI® IPv4/v6  
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Kontron, the global leader of embedded computing technology, designs and manufactures embedded and communications standards-based, rugged COTS and custom solutions for OEMs, systems integrators, and application providers in a variety of markets. Kontron engineering and manufacturing facilities, located throughout Europe, North America, and Asia-Pacific, work together with streamlined global sales and support services to help customers reduce their time-to-market and gain a competitive advantage. Kontron's diverse product portfolio includes: boards & mezzanines, Computer-on-Modules, HMIs & displays, systems & platforms, and rugged & custom capabilities. Kontron is a Premier member of the Intel® Embedded Alliance and has been a VDC Platinum Vendor for Embedded Computer Boards 5 years running. Kontron is listed on the German TecDAX stock exchange under the symbol "KBC". For more information, please visit: <http://www.kontron.com>

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