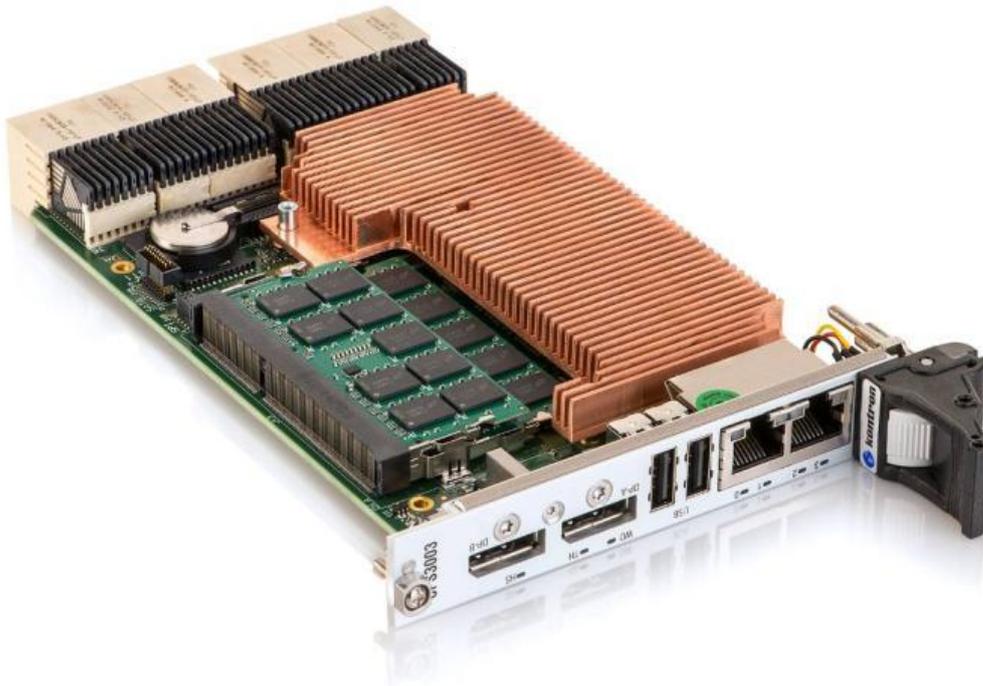


» For Immediate Release «

Kontron introduces first 3U CompactPCI® Serial processor board for modular, high-speed applications

First processor board in Kontron's 3U PICMG® CPCI-S.0 product family comes with the latest Intel® Core™ i7 processor and boasts an extensive feature set



Eching/Nuremberg, Germany, February 26th 2013 – As part of its 'High-Speed CompactPCI® Initiative', Kontron is showcasing its first 3U CompactPCI® Serial (CPCI-S.0) processor board at the Embedded World 2013 trade show in Nuremberg. The [Kontron CPS3003-SA](#) comes equipped with latest 3rd generation Intel® Core™ i7 processors and, for the first time, offers PCI Express Gen 3.0, USB 3.0, SATA 6G and Gigabit Ethernet over backplane. This paves the way for completely new application scenarios and can greatly boost performance in comparison to classic CompactPCI® installations. Significant interest in CompactPCI® Serial has been identified in numerous market segments including [industrial automation](#), test and measurement equipment as well as [transport and traffic systems](#) and also include [medical](#) and [defense](#) technology.

At the same time, the new Kontron CompactPCI® Serial class processor board is very flexible. For OEMs, who still rely on classic CompactPCI® boards, Kontron offers the CPS3003-SA as an option in combination with a CPCI extension module. This means that both [CompactPCI® Serial](#) boards as well as classic [CompactPCI®](#) boards can operate together in a hybrid system. This enables OEMs to easily continue using existing boards without any re-design or requirement to replace their existing CompactPCI® boards. Not only are OEMs provided with a clear migration path to a high speed point-

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to-point connection of CompactPCI® Serial, but they can also optimize their applications' time-to-market and product lifecycle to minimize their total cost of ownership.

Kontron's CompactPCI® Serial processor board CPS3003-SA in detail

Kontron's new CompactPCI® Serial processor board is available in multiple versions and scalable from the 1.7 GHz dual-core Intel® Core™ i7 processor 3517UE to the quad-core Intel® Core™ i7 processor 3612QE. For memory-hungry applications, it offers up to 16 gigabytes of ECC DDR3 SDRAM. The Mobile Intel® QM77 Express chipset already provides numerous interfaces by default, so that the processor board delivers a high performance density in the smallest of spaces. The whole spectrum of serial point-to-point interfaces is accommodated in just 3 units of height: peripheral boards which are especially data-intensive can be connected via two PCI Express Gen 3.0 fat pipes with x8 or x4 lanes. Additionally, five PCIe x1 lanes are available. Hard disk carriers, such as the Kontron [CPS3101](#), can be connected via four SATA ports, two of them via SATA 6Gb/s ports. Plus, there are two USB 3.0 as well as six USB 2.0 ports routed to the backplane. For networking purposes, there are two Gigabit Ethernet ports, which can be routed to the front panel or to the backplane. Additionally, OEMs are presented with two additional USB 2.0 ports and two DisplayPort connections on the front. Furthermore, the CPS3003-SA provides the option to offer rear I/O via the P6 connector, which adds two USB ports (1x USB 3.0 and USB 2.0), a third independent DisplayPort and two serial ports.

The Kontron CPS3003-SA supports Linux, Microsoft Windows 7, Windows Embedded Standard 7, Windows XP and VxWorks. Highly integrated Board Support Packages cover all the hardware components integrated on the board.

The Kontron CompactPCI® Serial processor board is now available as a COTS component or as an application-ready platform pre-integrated in Kontron's [CompactPCI® Serial systems](#).

For further information on Kontron's 3U CompactPCI® Serial processor board, please visit the [CPS3003-SA product page](#).

Further information is also available at Kontron's [CompactPCI® Serial website](#).

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About Kontron

Kontron is a global leader in embedded computing technology. With more than 40% of its employees in research and development, Kontron creates many of the standards that drive the world's embedded computing platforms. Kontron's product longevity, local engineering and support, and value-added services, helps create a sustainable and viable embedded solution for OEMs and system integrators. Kontron works closely with its customers on their embedded application-ready platforms and custom solutions, enabling them to focus on their core competencies. The result is an accelerated time-to-market, reduced total-cost-of-ownership and an improved overall application with leading-edge, highly-reliable embedded technology.

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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