

Kontron CP307-RS for high storage demands

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Agency: **SAMS Network**



Eching, Germany, July 14, 2009 – The new CompactPCI processor board Kontron CP307-RS features enhanced Serial ATA capabilities on the Rear IO for enhanced storage capacity, faster transmission rates and high data safety. With 4 SATA 3.0 Gb/s ports and high performance RAID functions (0, 1, 5, 10), the new Kontron CP307-RS performs as a leading-edge RAID controller for rugged environments.

Based on the standard Kontron CP307 3U CompactPCI series, the new Kontron CP307-RS doubles the SATA ports (Kontron CP307 2xSATA) to the backplane. Furthermore, in combination with the Kontron CP-RIO3-RS Rear Transition Module, the new CPU board enables high-performance RAID 5 and 10 solutions without additional RAID controller boards. By this, the Kontron CP307-RS feeds the growing demand for excessive disk space, storage bandwidth and data integrity based on the robust and reliable CompactPCI technology. Applications such as video surveillance, image processing and media servers in the transportation, aerospace, governmental and industrial automation markets profit from the enhanced storage capabilities of the new Kontron CP307-RS. Adding to this, the Kontron CP307-RS helps to overcome the storage space limitations for extremely rugged Solid State Drive based designs.

The Kontron CP307-RS is available with Intel Core Duo or Intel Core 2 Duo processors. Integrated with the Intel Mobile 945GM Express chipset and Intel ICH7-R Southbridge, the Kontron CP307-RS achieves unprecedented performance-per-watt values in a 3U form factor. The high performance version of the CP307-RS features the Intel Core 2 Duo 1.5 GHz low-voltage (L7400) processor; 667 MHz front side bus, up to 4 GB of DDR2-SDRAM with 10.6 Gbit/s memory bandwidth. All Kontron CP307 CPU boards provide extensive communications interfaces including 2 x Gbit Ethernet. The graphics accelerator integrated into the Mobile Intel 945GM Express ensures excellent 2-D, 3-D and video features for the VGA output. The robust CompactPCI board design allows the Kontron CP307-RS to be used even under the harshest environmental conditions.

The Kontron CP307-RS CompactPCI 3U processor board runs with Windows XP, XP Embedded, Linux and VxWorks software packages.

The Kontron CP-RIO3-RS RTM is also being launched to coincide with the release of the Kontron CP307-RS.

Availability

The Kontron CP307-RS and the RTM CP-RIO3-RS are available now.

More about the Kontron CP307-RS 3U CompactPCI® CPU board:

www.kontron.com/products/boards+and+mezzanines/3u+compact...

More about the RTM Kontron CP-RIO3-RS:

emea.kontron.com/products/boards+and+mezzanines/3u+compac...

More about Kontron 3U CompactPCI® boards:

www.kontron.com/products/boards+and+mezzanines/3u+compact...

More about CompactPCI®:

www.kontron.com/compactpci/

About Kontron

Kontron 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 and Communications 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: www.kontron.com

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