

Kontron pioneers cost efficient 2U integrated ATCA platform

The Kontron OM9020 provides telecom equipment providers three Intel® Core™ 2 Duo processors and 10GbE fabric interface

Eching, Germany/Barcelona, Spain, February 11, 2008 – Kontron, a leading global provider of open modular solutions for the communications market, showcased today at Mobile World Congress the Kontron OM9020, an AdvancedTCA 10GbE integrated platform that elegantly resolves the price versus performance concerns of telecom equipment manufacturers who need to design non-redundant systems for edge and access applications used in data center, regional CO, and enterprise networks.

As a 2-slot, space-saving 2U AdvancedTCA platform, the Kontron OM9020 realizes its cost savings by eliminating the need for an AdvancedTCA switch board, which is replaced by an on-board Ethernet switch. This enables a Fat Pipe interconnect between the two slots via the backplane. For external connectivity, the platform features two GbE/10GbE uplink modules that access the switching fabric and base interfaces, also via the backplane. Each module is hot swappable and is dedicated to one AdvancedTCA board. Moreover, the Shelf Manager has been replaced by a software implementation hosted on either Kontron AdvancedTCA board, and provides a cost-efficient Shelf Management solution to provide sensor data to the platform's System Alarm Panel.

The Kontron OM9020 comes pre-integrated with one very high density, multi-core processor board, the Kontron AT8030, featuring three Intel® Core™ 2 Duo processors each with dedicated memory, a 10 GbE fabric interface, and one AdvancedMC slot for a SATA storage module. The second board, the Kontron AT8404, is an AdvancedTCA 10 GbE AMC carrier board that supports GbE, PCIe and SAS/SATA connectivity across four slots for various combinations of storage, processing and TDM / IO AdvancedMC modules. Optionally, RTMs may be used in the back for SAS connections to external storage, as well as for FE and RS232 management interfaces.

Other platform features include a 48V DC power feed with an option for AC to DC power converter, plus hot-swappable and managed fans, and support for Windows Server 2003, Wind River Linux PNE 2.6, Red Hat 4.0, and IPMI 1.5.

Product Pricing and Availability

Kontron OM9020 – RoHS compliant

Pricing: OEM pricing upon request

Availability: Now.

For more information, please visit <http://www.kontron.com/OM9020/>

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About Kontron

Kontron designs and manufactures standard-based and custom embedded and communication 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: Computer-on-Modules, SBCs/blades, open-modular platforms and systems, HMIs, and custom capabilities. Kontron is a Premier member of the Intel[®] Embedded and Communications Alliance and was awarded 2006 Intel Member of the Year. The company is a recent three-time VDC Platinum vendor for Embedded Computer Boards. 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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