

» For Immediate Release «

Kontron ready for next-gen Intel® Xeon® server processor

Upcoming Intel® Xeon® processor to be “designed-in” across three Kontron product lines for telecom and data center applications

Eching, Germany / Barcelona, Spain, February 15, 2010 — Kontron today announced during Mobile World Congress 2010 that four new upcoming products from its [AdvancedTCA®](#), [Communication Rack Mount Server](#) (CRMS), and [Server Motherboard](#) product lines will feature a new and breakthrough Intel® Xeon® server processor that is expected to be launched later this year. As the next evolution of the Intel® Xeon® 5500 45nm quad-core processors released by Intel® last year, this next generation Intel® Xeon® processor offers many new design benefits that cover improved energy efficiency, memory and security functions. Kontron representatives are providing one-on-one briefings during the show at **Booth 2A28** in Hall 2.0.

The four Kontron products – one entirely new, and three that now include the next generation processor support – will provide ample choices to both telecom equipment manufacturers and network equipment providers to design both carrier grade and network server-type products, deployed across carrier and data center networks. The design of each product will facilitate the use of Virtualization for various processor-intensive applications, including streaming media, interactive gaming, and high definition video, among many others.

The four Kontron products that will feature the next generation Intel® Xeon® processor are:

Kontron CG2100 Carrier Grade Server

Kontron is further extending its commitment to [telecom](#) customers with a new 2U carrier grade server, the Kontron CG2100, scheduled for release later in 2010. This innovative server combines performance, ruggedness, reliability, and long life in a NEBS-3 and ETSI-compliant 2U chassis. As for the Next Generation Intel® Xeon® processor, the Kontron CG2100 will support a dual socket approach that couples high performance with power efficiency for improved performance-per-watt over previous-generation rack-mount servers.

The Kontron CG2100 is an excellent choice for the demanding environment and limited space of telecom central offices and network data centers, and enables OEMs and TEMs to create specialized, value-added applications including unified messaging, SolP, call control, media and signaling gateways, and operational system support. Its ruggedness also makes it ideal for the [military](#) and [medical](#) segments, where meeting tough environmental requirements is critical.

**Kontron ready for next-gen
Intel® Xeon® server processor****Kontron IP Network Server NSN2U:**

Kontron will also add support for the Next Generation Intel® Xeon® processor to its existing [Kontron NSN2U](#) IP Network Server, providing significant compute performance improvements. The Kontron NSN2U is an excellent choice for network security applications – including intrusion detection/intrusion prevention, VPN/firewall, and unified threat management solutions. It is also well-suited for enterprise application acceleration and content caching, as well as for running Telco SoIP, including IMS, IPTV, video on demand (VoD), SIP application servers, IP-PBX, and IP-PSTN gateways.

Kontron AT8050 ATCA Processor Blade:

The [Kontron AT8050](#) is an ATCA processor blade based on a single Intel Xeon L5518 quad-core processor with a 60W power envelope. This blade is socket compatible with the next-generation Intel Xeon processor, and is compliant to PICMG 3.1 Option 9, Option 2. The Kontron AT8050 features 10 + 10 Gigabit Ethernet on the Fabric Interface, plus two 10/100/1000 Mbps Ethernet on the Base Interface and two 10/100/1000 Mbps Ethernet via the Front Panel or RTM. Expansion features include one AdvancedMC™ mid-size slot supporting PCI Express x4, and SATA /SAS interfaces. The Kontron AT8050 achieves the best price versus performance for TEMs building ATCA systems for media server (IMS), 3G, and LTE wireless system equipment.

Kontron KTC5520 Server Board:

Designed with an extensive feature-set and two new Intel® Xeon® 5500 series 45nm quad-core processors, this cost-effective [Kontron KTC5520-EATX](#) SSI EEB-compliant server board offers extreme performance, high I/O bandwidth and exceptional reliability – backed by a 7-year life-cycle support program. As a dual socket server board, the Kontron KTC5520 is also compatible to support two next-gen Intel Xeon processors, making it the ideal solution for OEMs designing a multitude of applications found in the medical imaging, simulation, storage and multimedia telecom and data center markets.

The server board features a built-in ability to be fully managed remotely, using an Integrated Management Processor (IMP) that integrates VGA/2D, BMC, and KVM/VM over IP to support real-time access with full control by keyboard, video monitor and mouse (KVM) and virtual media (VM) by a single local computer from anywhere, at any time.

For more information about Kontron ATCA products, please visit: www.kontron.com/atca

For more information about Kontron CRMS products, please visit: www.kontron.com/crms

For more information about Kontron Embedded Server Motherboard products, please visit: <http://www.kontron.com/products/boards+and+mezzanines/server+board/ktc5520eatx.html>

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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, HMI's & 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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