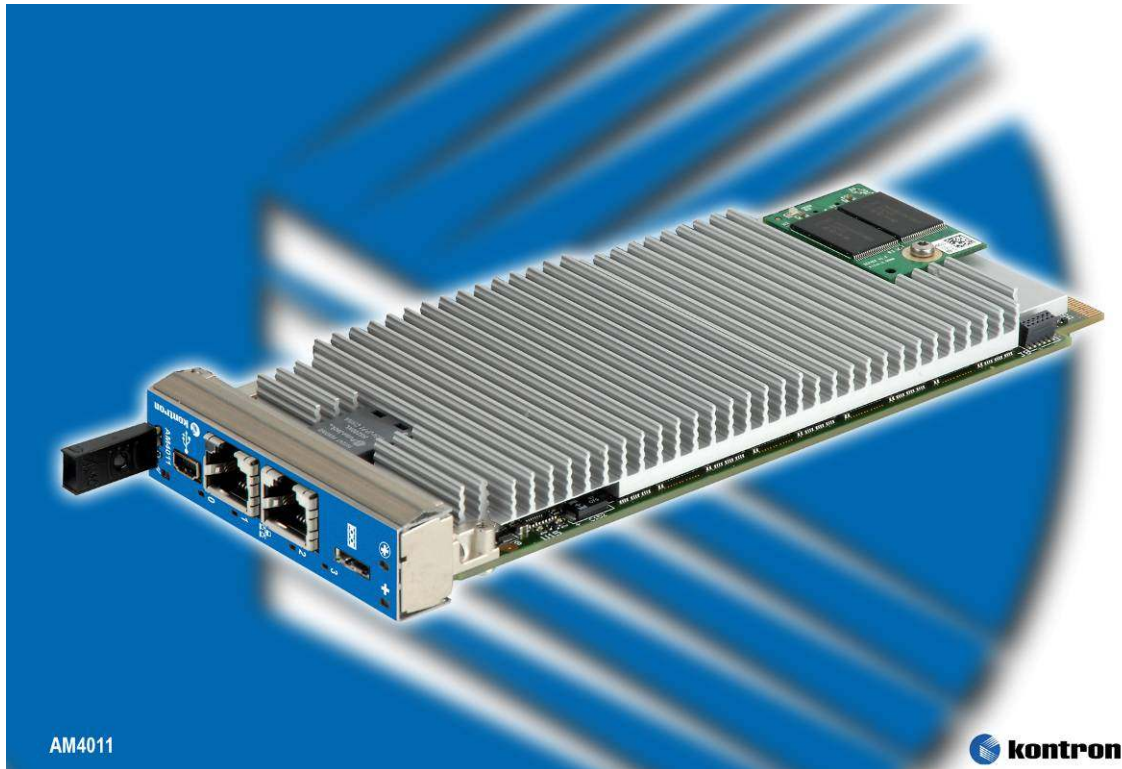


Kontron AdvancedMC™ processor modules for multiple markets

The Kontron AM4011 is the latest member of the versatile Gigabit and PCIe family of AdvancedMC™ processor modules



Eching, Germany, September 2, 2008 – Today, Kontron introduced the Kontron AM4011, the latest addition to the company's expanding portfolio of AdvancedMC™ processor modules. The Kontron AM4011 represents Kontron's strength in developing leading-edge processor boards for use in multiple markets that require multi-core performance and high data throughput, plus PCI Express, Gigabit Ethernet and SATA connectivity via the backplane.

The Kontron AM4011 AdvancedMC™ processor module is available with the LV Intel® Core™ 2 Duo processor representing substantial processing power and maximum MIPS per Watt for both AdvancedTCA® and MicroTCA™ system designs.

Designed for compute-intensive applications the versatile Kontron AM4011 may be used as a main controller, data server, traffic processor or media processor in any single-width MicroTCA™ platform deployed for applications in the 3GSM, triple play, military, police, government, defense, transportation and avionics market segments. Carrier-grade telecommunications, as well as image and video processing applications in the medical, industrial quality management and simulation

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markets also benefit from the processing power and communication capabilities of the Kontron AM4011 AdvancedMC™ processor module.

For AdvancedTCA® platform designs, the Kontron AM4011 complements the Kontron AT890x switch blade used as a field-replaceable, hot-swappable system controller with connectivity to the control plane. The module's 2 GbE front access port enables easy access for system control functions since Port 0 and 1 provide access to the Base Interface for control plane access.

The AMC.1/.2/.3-compliant Kontron AM4011 AdvancedMC™ processor module has full hot-swap capabilities for replacing, monitoring and controlling the module without the need to shut down the AdvancedTCA® carrier board or the MicroTCA™ system. A dedicated Module Management Controller (MMC) is used to manage the board and to support a defined subset of IPMI (Intelligent Platform Management Interface) commands and PICMG® (ATCA/AMC) command extensions, which enable operators to detect and eliminate faults faster at the module level. IPMI enhances the board's availability while reducing the overall operating costs and mean-time-to-repair.

Versatile switch fabric

The Kontron AM4011 AdvancedMC™ processor module is highly integrated and available in both mid-size and full-size form factors. It also includes up to 4 GB of memory (DDR2) with ECC running at 400 MHz, plus up to 8 GB of Flash memory via an onboard USB 2.0 Flash controller. Four GbE interfaces – two available on the front panel, two in accordance with AMC.2 – provide comprehensive networking capabilities. Furthermore, the Kontron AM4011 offers connectivity in accordance with AMC.1 (PCIe x4) and AMC.3 (2x SATA).

Intel® Core™ 2 Duo processor

The advanced Intel® Core™ 2 Duo processor, in tandem with the Intel® 3100 server-class chipset, takes full advantage of processor performance and the high-speed FSB. The Intel® 3100 chipset is a space-saving, two-in-one solution that combines both the Intel® Memory Controller (E7320/E7520) and the Intel® I/O Hub Controller (6300ESB).

The Kontron AM4011 AdvancedMC™ processor module is available now.

More information about the Kontron AM4011: <http://www.kontron.com/AM4011>

More information about AdvancedMC™ modules: <http://www.kontron.com/AdvancedMC>

More information about MicroTCA™: <http://www.kontron.com/MicroTCA>

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About Kontron

Kontron designs and manufactures standard-based and custom embedded and communications 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 and mezzanines, Computer-on-Modules, HMI and displays, systems, and custom capabilities. Kontron is a Premier member of the Intel® Embedded and Communications Alliance. 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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