

## Kontron **KISS 4U Short** and **KISS 2U** now support Intel® Core™2 Quad processor

*Space saving quad core industrial servers open new market opportunities  
in data intensive applications*



**Eching, Germany, April 21, 2008** – Shortly after the launch of its first quad core KISS4U ultra quiet industrial server, Kontron has extended its family of quad core industrial servers with two new members. The KISS4U Short and KISS2U with integrated Flex-ATX motherboard now feature the Intel® Core™2 Quad processor in space saving “4U Short” and 2U designs.

The compact Kontron KISS KT965 Flex servers with integrated embedded Flex-ATX motherboards from Kontron support the Intel® Q965 Express chipset and LGA 775 socket and offer performance up to the Intel® Core™2 Quad processor.

In addition to their impressive 64-bit multi-core performance these Kontron industrial servers are efficient when it comes to the space they take in the server rack. With its reduced installation depth of only 300 mm the Kontron KISS4U Short (177 mm x 482 mm x 300 mm) leaves plenty of room for connecting cable ducts and dock-ons at the rear, making it ideal for rack mounting in industrial applications. Together with the low height KISS2U (88 mm x 482 mm x 472 mm) both servers are the ideal choice for densely packed, data intensive applications such as those found in test and

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measurement or industrial and medical image processing. Furthermore, with an ultra quiet performance of <35 dB they also fit well as servers in control rooms and engineering offices. Thanks to the Intel® multi-core technology, the Kontron KISS servers offer the processing power to combine previously separate systems on a single space saving platform. This not only saves hardware costs, but also increases system reliability. With Intel's virtualization technology, both Kontron KISS KT965 Flex servers enable resources to be used more efficiently. Being high performance systems, the Kontron servers can also be used as a host system, thereby furthering the homogenization of IT infrastructure.

The Kontron KISS KT965 Flex industrial servers are based on the Intel® Q965 chipset with up to 1066 MHz front side bus and the Intel® ICH8 DO I/O controller hub. The Kontron KISS KT965 Flex industrial servers provide scalable performance from the Intel® Core2™ Duo processor E4300 and Intel® Core™2 Duo processors E6400 up to the Intel® Core™2 Quad Q6x00 processor. Performance is boosted even further by up to 8 Gigabytes of DDR2 Dual-Channel RAM. The integrated Intel™ GMA 3100 Graphics Media Accelerator supports resolutions of up to QXGA (2048 x 1536) via the VGA port. In terms of standard data interfaces, both compact KISS KT965 Flex servers offer 2 x Gigabit Ethernet, 10 x USB 2.0 ports (2 on the front) and 1 x COM. Data storage media are connected via 6 x SATA 150/300 with onboard RAID 0/1/5/10 functionality. As an option the KISS Stor and KISS Stor Slim RAID sub-systems with hot swappable hard drive carriers provide easy maintenance and minimum hassle due to connection via only a single SATA cable and one power cable. Interfaces for 7.1 HD-Audio and PS/2 ports for mouse and keyboard round off the list of interface features.

With a MTBF of 50,000 hours (approx. 5.7 years of continuous use) the extremely robust and shock resistant systems ensure high availability and minimum maintenance. Moreover, the temperature-controlled and ultra quiet fans are hot swappable for easier servicing. Designed for continuous operation, the Kontron KISS systems are CE certified and UL suitable.

The high-availability Kontron KISS KT965 Flex servers support Windows 2000, Windows XP, Windows 2003 Server and Vista and are available now as preconfigured standard systems or can be customized as needed and delivered as tested and independently certified solutions.

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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, HMIs 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](http://www.kontron.com).

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