

Kontron KISS PCI 760: 1, 2 or 4U industrial servers now featuring 1, 2 or 4 cores and Advanced Remote Management capabilities

Kontron line of servers now supports the Intel® Core™2 Quad Processor



Eching, Germany, April 21, 2008 – Kontron has extended its family of ultra quiet KISS industrial servers with 1U, 2U and 4U versions that support up to the Intel® Core™ 2 Quad processor as well as offering advanced remote management features.

The new ultra quiet (<35 dB) Kontron KISS PCI 760 industrial servers offer scalable CPU performance ranging from single core and dual core Intel® processors up to the Intel® Core™2 Quad processor Q6700 running at 2.66 GHz. Performance is boosted even further by a front side bus of up to 1333 MHz and up to 8 Gigabytes of DDR2 Dual-Channel RAM.

In addition to outstanding performance, these latest members of Kontron's KISS family of industrial servers also come with built-in, comprehensive Intel® Active Management Technology (Intel® AMT) 3.0 remote management engine that offers enhanced security and remote management for easier maintenance, higher system availability and, therefore, reduced total costs of ownership. System managers benefit from Intel® AMT 3.0 because they can remotely carry out tasks such as installation of a new OS or setting BIOS parameters without the need for additional remote management hardware or an on-site presence. If there is an operating system failure, managers can run

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diagnostics, update patches and reboot the system via the network from a central service system within a few minutes. State-of-the-art system security is provided by Intel® Trusted Execution Technology and there is an on-board trusted platform module – TPM 1.2 – for software and data protection. These features make the Kontron KISS 1U, 2U and 4U servers ideal for companies that use distributed rack servers in comparatively harsh and difficult to reach environments. For example, railway operators and facility companies (gas, water, electricity) as well as operators of traffic lights, toll collection systems and weather stations. Large companies with distributed shop floor systems will also benefit from these remote management features.

Interface flexibility for the Kontron KISS PCI 760 industrial servers is provided by up to 1 x PEG, 4 x PCIe x1 and 1 x PCI, 12 x USB 2.0, one parallel and two serial interfaces (16550 UART-compatible) and 3 x 10/100/1000 base-T Ethernet. Data storage media are connected via 300Mbps SATA II interfaces and offer RAID 0, 1, 5 and 10 functionalities. If high-end PEG graphics are not needed, the integrated Intel® Graphics Media Accelerator 3100 (Intel® GMA 3100) supports DirectX 9.0c for full Windows Vista Aero compliance and resolutions of up to QXGA (2048 x 1536) at 75 Hz via a VGA connector.

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. The KISS systems come with either a desktop housing or a housing for mounting in a 19 inch cabinet. The lockable front panel offers IP2x protection and optional IP 5x. Designed for continuous operation, the KISS systems are CE certified and UL suitable.

The high-availability Kontron KISS-4U and KISS 2U servers support Windows 2000, Windows XP, Windows 2003 Server and Vista and are available as preconfigured standard systems or can be customized as needed and delivered as tested and independently certified solutions.

For further information please visit: <http://www.kontron.com/KISS>

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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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