

» For Immediate Release «

## **Kontron KIC: Box PC with front and rear interfaces for integration into devices and machines**

Dual-access Box PC family saves cabling costs  
and increases ease of integration and reliability



**Eching/Nuremberg, Germany, March 02, 2010** – At Embedded World in Nuremberg, Germany, Kontron introduces the [Kontron KIC](#) (Kontron Intelligent Computer) - a family of [Box PCs](#) with front and rear interfaces that, for the first time, can be integrated directly into the chassis of devices and machines. Thanks to its second set of interfaces, the IPC requires no additional cabling to the front of the housing and can therefore be faster and more easily integrated into machine designs for low installation costs. By reducing the need for cables, reliability increases and maintenance costs decrease significantly since the potential of failure from cables being disconnected over time is greatly reduced.

As small as a children's shoebox (W x H x D / 200 mm x 85 mm x 200 mm), the highly performance-scalable Kontron KIC family fits perfectly in compact [automation](#) solutions in which the IPC, thanks to its smaller size and greater energy efficiency, moves out of the 19-inch rack and directly into the device or machine. The embedded computer system can be mounted horizontally, vertically on its side, as well as facing upwards and features a particularly service-friendly mounting similar to an ATX PSU. Alternatively, the IPC can be mounted on a top hat rail (not pictured here).

The long-term available embedded Box PCs can be flexibly equipped with a variety of in-house [COM Express™ Computer-on-Modules](#) to suit applications' needs and also ensure high scalability and future security. The first member of the Kontron KIC family, which is optimized for graphics-intensive

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applications, features the Kontron [ETXexpress®-MC](#) Computer-on-Module, with Intel® Core™ 2 Duo T7500 at 2.2 GHz and up to 4 GB of DDR2 RAM. Further variants are planned with Intel® Atom™ processors. For data storage, the new Box PC integrates up to 2 x 2.5" hard disks or robust Solid State Drives (SSD) with RAID-0 or RAID-1 functionality.

Interfaces on the inward-facing side of the dual-access system include two real-time Gigabit Ethernet ports, 3x USB, 1x COM, 1x LVDS, 1x GPIO as well as amplified audio. On the outward-facing side, the Box PC offers an additional 6 USB ports, 2 x 1Gb/s Ethernet, 1 x COM, 1 x DVI, and 1x line out. For customer-specific extensions it also features a PCIe x 1 slot to accommodate low profile PCIe add-on cards (e.g., CAN-bus).

Samples of the Kontron KIC dual-access Box PC are now available. The series product will be available in Q3. The Kontron KIC embedded IPC supports embedded Linux, Microsoft Windows XP, Windows XP Embedded as well as Windows CE 6.0.

For more information on the new Kontron KIC Box-PC please visit:

<http://www.kontron.com/products/systems+and+platforms/embedded+box+pcs/box+pc/kic.html>

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<http://www.kontron.com/products/systems+and+platforms/embedded+box+pcs/>

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**About Kontron**

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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