

» For Immediate Release «

Kontron integrates Intel® Core™ i7 processor technology across multiple embedded platforms

Fully integrated, standards-based Kontron form factors reduce embedded system development costs and speed time-to-market

Poway, CA, January 27, 2010 – Kontron today announced the integration of the new Intel® Core™ i7 processor across many of the company's popular embedded platforms including [AdvancedMC™](#), [CompactPCI®](#), [COM Express™](#) and [VPX](#). As a leader in standards-based and custom embedded solutions, Kontron's complete portfolio of Intel® Core™ i7-based platforms is designed to reduce system development time and provide high reliability and long product life resulting in a lower total cost of ownership. The new platforms from Kontron give OEMs access to leading-edge technologies that will help in their development of a broad range of compute and graphic-intensive applications in the [communications](#), [military](#), [aerospace](#), [medical](#), [industrial](#) and [infotainment](#) markets.

The new Kontron platforms capitalize on the intelligent, feature-rich Intel® Core™ i7 processor architecture enabling OEM customers to minimize system development costs, offer amazing new system design flexibility options and provide features to manage what were previously challenging multiple requirements in terms of performance, power, graphics, memory, software compatibility, security and upgrade path migration. Utilizing the 32 nanometer manufacturing process for exceptional performance per watt, lower power consumption and heat dissipation, Kontron's new Intel® Core™ i7 processor based platforms employ a more efficient two-chip solution that provides better signal integrity and minimizes board space enabling higher performance in smaller, power-constrained portable designs.

For visually demanding military, medical, security/surveillance and infotainment applications, the new Kontron platforms will also deliver significantly enhanced integrated graphics capabilities and data flow performance via the integrated Intel® QM57 Express chipset and advanced display interfaces helping OEMs to design these features faster and across more products. In addition, applications can now support multiple graphical and multimedia functions including separate ports for SDVO and PEG. Telecom, Netcom and military system design flexibility is increased with an integrated error-correcting code (ECC) memory controller to match high data integrity requirements. Design flexibility is further improved with additional I/O and PCI Express configuration options. Furthermore, long embedded system life requirements are supported with an extended seven-year lifecycle.

"Kontron continues to offer its customers the latest technologies in a comprehensive range of proven solutions, which provide increased options for OEMs in the development and differentiation of their product lines while minimizing engineering costs and shortening their time to market. Intel® touts this

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as the highest performance processor architecture in the industry offering significant overall performance and graphics performance improvements to capably support complex and intensive computing environments," says Dirk Finstel, CTO of Kontron AG. "In addition to the breakthrough performance for demanding applications, the new platforms from Kontron provide a seamless upgrade path enabling more solutions that can benefit from the improved performance per watt, enhanced graphics, data integrity and design flexibility features inherent in this next-generation processor technology."

Kontron has already introduced its [Kontron VX6060](#) VPX computing blade and the [Kontron AM4020](#) AdvancedMC™ processor board. The Kontron VX6060 delivers substantially increased computing power and reduced heat dissipation for parallel data and signal processing applications, while the Kontron AM4020 is the market's most powerful single-width AdvancedMC™ processor module, in an extremely small footprint. The company will continue to launch specific AdvancedMC™, CompactPCI® and COM Express™ products designed with Intel® Core™ i7 processor technology throughout 2010.

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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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Contact Details

EMEA

Norbert Hauser
Kontron
Tel: +49 (8341) 803-0
norbert.hauser@kontron.com

Michael Hennen
SAMS Network
Tel: +49 (2405) 45267-20
michael.hennen@samsnetwork.com

Americas

Richard Pugnier
Kontron
Tel:+1 (858) 623-3006
richard.pugnier@us.kontron.com

Annette Keller
Keller Communication
Tel:+1 (949) 640-4811
annetekeller@sbcglobal.net

APAC

Richard Pugnier
Kontron
Tel:+1 (858) 623-3006
richard.pugnier@us.kontron.com

Michael Hennen
SAMS Network
Tel: +49 (2405) 45267-20
michael.hennen@samsnetwork.com

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