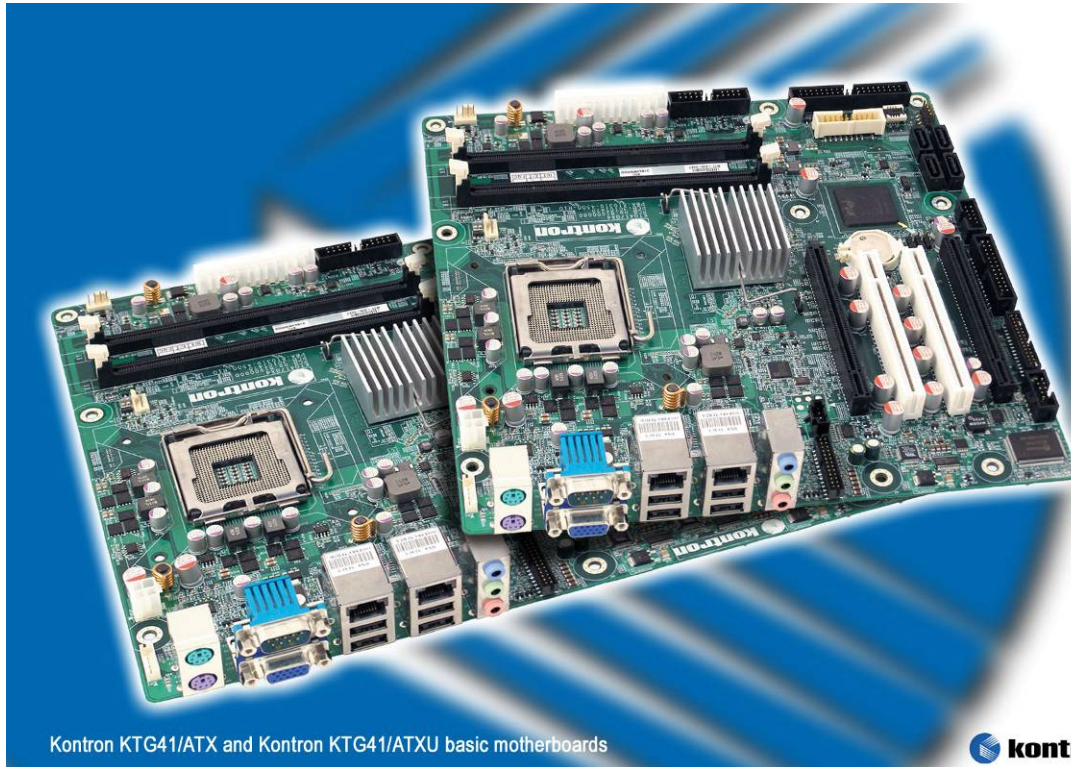


Two new Kontron basic motherboards with 45nm Intel® quad-core processor

3 years long-term support for the high-performance Kontron KTG41 motherboards



Eching, Germany, November 12, 2008 – After the hugely successful launch of the new [basic motherboard](#) product category, Kontron has now extended its family of basic motherboards with two high-performance variants based on the 45nm Intel® Core™ 2 Quad processor: The [Kontron KTG41/ATX](#) ATX basic motherboard and the [Kontron KTG41/ATXU](#) Micro-ATX basic motherboard.

Compared to standard ATX and Micro-ATX motherboards the two new Kontron ATX and Micro-ATX basic motherboards with Intel® G41 Express chipset and LGA 775 socket for Intel® processors up to the 45nm Intel® Core™2 Quad processor Q9650 offer advanced design qualities for rugged environments plus 3 years long-term availability (standard boards are only available for a few months) and vendor support for OEMs. Compared to [embedded motherboards](#) that offer up to 7 years availability and support, basic motherboard focus on applications with fast innovation cycles and high demands on computing and graphics performance. Equipped with only the latest and most demanded interfaces, Kontron basic motherboards are extremely cost-effective, making them ideal for high-volume applications with fast innovation cycles in the fields of gaming, digital signage, POS, check-in terminals, ticketing machines, hotel multimedia terminals or even industrial shop floor applications for quality control.

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“Professionals in market segments that demand the highest processing performance and latest computing features are ideally served with our family of basic motherboards”, declares Norbert Hauser, Vice President Marketing at Kontron. “With a multilayer stacker PCB for excellent electromagnetic compatibility, an intelligent, industrial grade board layout complete with a cooling concept, as well as a sophisticated feature set, the Kontron KTG41 basic motherboards offer superior quality and 3 years long-term support at an unmatched price-performance ratio for OEMs and system developers in market segments that always demand the latest computing technology.”

The Kontron KTG41/ATX ATX and Kontron KTG41/ATXU Micro-ATX basic motherboards feature the Intel® Graphics and Memory Controller Hub as well as the Intel® I/O Controller Hub (Intel® ICH7R) and support Intel® processors up to the 45nm Intel® Core2 Quad processor Q9650 with 3.0 GHz, 12 MB L2 cache and a FSB of up to 1,333 MHz. For data processing intensive applications the Kontron KTG41 boards support up to 8 GB of dual channel DDR3 SDRAM with one DIMM module per channel. Both Kontron KTG41 boards feature DirectX 10 graphics with shader model 4.0 for DVI, SDVO and DisplayPort via the integrated Intel® Graphics Media Accelerator 4500 (Intel® GMA 4500). If even more graphics performance is needed, the 16 lane PCI Express port offers support for an external high-end graphics card. In terms of communication and extension interfaces, both Kontron KTG41 basic motherboards offer 2 x Gigabit Ethernet, one PCI Express x4 slot, 8 x USB 2.0 ports and 2 x serial ports. Compared with the Micro-ATX version (9.6 x 9.6 inches) that offers 2 PCI connectors, the slightly larger ATX motherboard (12 inch x 9.6 inch) offers 5 PCI connectors with bus master capabilities. Data storage media are connected via 4 x SATA 3GB interfaces with RAID 0/1/10 functionality for enhanced transfer rates and/or data security.

The new Kontron KTG41 basic motherboards support Windows Vista, Windows XP and Linux. Samples will be available by the end of 2008. Full availability is scheduled for March 2009.

More information about the Kontron KTG41/ATX:

<http://www.kontron.com/products/boards+and+mezzanines/basic+motherboards/atx+motherboard/ktg41atx.html>

More information about the Kontron KTG41/ATXU:

<http://www.kontron.com/products/boards+and+mezzanines/basic+motherboards/flexatx++microatx+motherboards/ktg41atxu.html>

More information about basic motherboards:

<http://www.kontron.com/products/boards+and+mezzanines/basic+motherboards/>

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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.

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