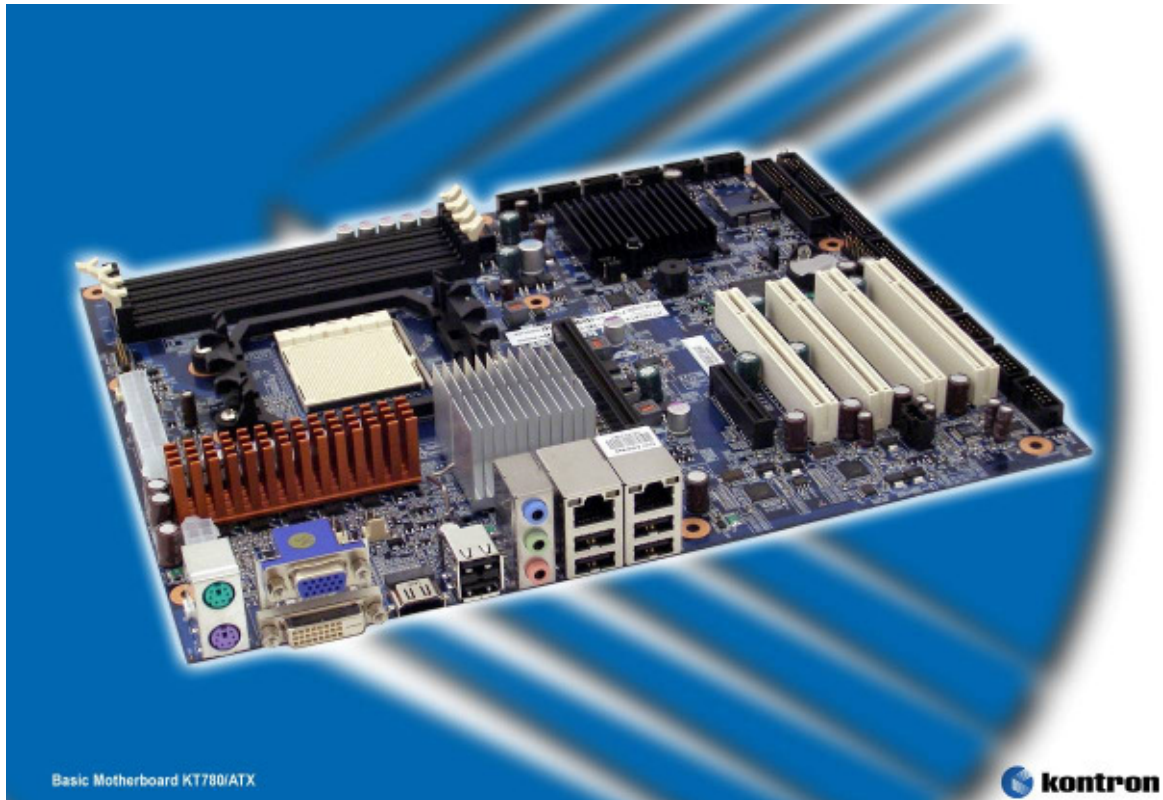


Kontron KT780/ATX motherboard with AMD Quad Core processor performance and high-end graphics features

Defining a new class of high-performance and cost-effective basic motherboards with 3 years longevity



Eching/Nuremberg, Germany, February 26, 2008 – Today, Kontron announced the KT780/ATX motherboard that offers the AMD AM2/AM2+ socket supporting AMD Phenom™ Quad Core processor performance and the latest AMD chipsets with high-end graphics features for full 1080p High-Definition Video in a cost-effective basic motherboard design.

As the first in Kontron's new class of so called "basic motherboards", the Kontron KT780/ATX is specially designed for high-volume OEM systems that have fast innovation cycles and therefore reduced requirements on long-term availability. The cost-effective motherboard offers up to 3 years availability and is ideal for the latest generation of POS and POI applications with high innovation rates such as: automatic check-in systems at airports, railway stations and bus stations as well as toll collection terminals, automatic cash machines and other kiosk and OEM multimedia applications in sectors such as, e.g. gaming. The Kontron KT780/ATX basic motherboard is also the ideal choice for factory floor applications.

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Based around the latest AMD RS780 and SB700 chipsets including high-performance AMD AM2/AM2+ Athlon™ 64 and Phenom™ single, dual, triple and quad core processors, the Kontron KT780/ATX basic motherboard offers scalable performance up to 4x 2.6 GHz to meet individual application requirements. Performance is boosted even further by two dual channel RAM banks for up to 32 GBytes of DDR2-400/533/667/800 with ECC support for increased data security. In addition to low-cost processor performance, applications also benefit from the high-end graphics features offered by the Kontron KT780/ATX basic motherboard. The new integrated graphics processor (IGP) is based on the ATI Radeon HD 3200 which supports DirectX 10 and incorporates dual display, integrated DVI, HDMI (optional) and CRT as well as internal TMDS (Transition Minimized Differential Signaling) and VESA DisplayPort functionality. Furthermore, it has a Unified Video Decoder (UVD) for accelerated decoding of HD video data for enhanced Blu-ray and HD-DVD playback. Should even greater performance be required, external graphic cards can be connected via the PEG PCI Express 2.0 expansion slot.

Despite emphasis on a low-cost, basic design the Kontron KT780/ATX basic motherboard offers an impressive range of features such as HDD RAID 0/1/5/10 support for enhanced data safety, HD audio, and TPM onboard. 6 x SATA, 1 x PATA 133, 10 x USB 2.0, 4 x PCI, 1x PCI Express x4 slot and 2 x GbE onboard round off the range of I/O features.

Equipped with HyperFlash support for fast OS booting, the Kontron KT780/ATX basic motherboard supports Windows XP, Vista and Linux and is backed up by Kontron's award winning VDC (Venture Development Corporation) platinum level service. The Kontron KT780/ATX will be available in Q2, 2008.

Product data sheets and manuals: <http://www.kontron.com/KT780-ATX>

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About Kontron

Kontron designs and manufactures standard-based and custom embedded and communication 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: Computer-on-Modules, SBCs/blades, open-modular platforms and systems, HMLs, and custom capabilities. Kontron is a Premier member of the Intel® Embedded and Communications Alliance and was awarded 2006 Intel Member of the Year. 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.

Digital text (PDF): <http://www.kontron.com/pr/ATX-Motherboard-KT780-ATX-ENG080226.pdf>
Digital image (jpg): <http://www.kontron.com/pr/ATX-Motherboard-KT780-ATX-080226.jpg>

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