

## Kontron expands its single board computer portfolio with three fanless 600 MHz Intel® Pentium® M designs

*Fighting for the best Intel® Pentium® M-based SBC prices*



**Eching, Germany, January 16, 2008** – Kontron has expanded its portfolio of long-lifecycle single board computers with the launch of three fanless CPU boards equipped with the energy-saving, cost-efficient 600 MHz Intel® Pentium® M processor, 512KB L2 cache and 852GM chipset. This trio is based on the PC/104-*plus*, EPIC and JReX form factors and meets the needs of any small embedded application that requires mid-level performance with the lowest power consumption. These single board computers are attractively priced for cost-sensitive applications in nearly all the Embedded Computer Technology vertical markets.

Equipped with the Intel® 852GM GMCH and Intel® ICH-4 southbridge, the three new single board computer variants deliver an optimized integrated graphics solution with an energy-efficient 400 MHz system bus and integrated 133 MHz 32-bit 3D core. All three boards support up to 1GB of DDR 333 system memory.

These new PC/104, EPIC and JReX designs are particularly attractive for embedded applications thanks to the falling price of the Intel® Pentium M processor, which has reached the same level as its predecessors. The outstanding advantage of this technology is a higher processing speed without

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higher power consumption. Three years ago, this notebook processor was part of the new and exciting Intel® Centrino® technology launch.

Depending on the requirements of their application, OEMs can choose between the three form factors. The 90mm x 96mm Kontron MOPS-PM PC/104-*plus* design is ideal for the most space-saving PCI and ISA designs. The Kontron EPIC/PM is the best choice for PCI and ISA applications requiring external standard PC interfaces soldered onto the CPU board. Additionally, the Kontron EPIC-PM is now provided with a single power supply solution for ATX and 5V by an enclosed adapter. Applications that rely on JFLEX-based expansions are best provided with the Kontron JREx/PM. The Kontron JREx/PM 3.5-inch single board computer is similar to EPIC with standard PC interfaces on the baseboard and is purely PCI-based. In addition, the JREx uses only SMT components, making it an even more cost-saving design - compared to press-fit.

All Kontron single board computers remove any concerns about time-to-market by allowing for full re-use of peripheral equipment and chassis.

All three boards support Windows XP, 2000, XPe, CE and Linux and are available now.

For more information on the MOPS-PM, please visit <http://www.kontron.com/MOPS-PM>

For more information on the EPIC/PM, please visit <http://www.kontron.com/EPIC-PM>

For more information on the JREx/PM, please visit <http://www.kontron.com/JREx-PM>

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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, HMI's, 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](http://www.kontron.com).

Digital text (PDF): <http://www.kontron.com/pr/Pentium-M-Single-Board-Computer-ENG080116.pdf>

Digital image (jpg): <http://www.kontron.com/pr/Pentium-M-Single-Board-Computer-080116.jpg>

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