



New MEN Micro Rugged SBC Offers Multicore Technology with a Flexible Mezzanine Card Extension Ideal for Industrial Applications

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MEN Micro now offers a 6U CompactPCI single board computer (SBC).

PR9.NET April 01, 2008 - AMBLER, Pa. – MEN Micro Inc., a world-renowned provider of embedded computing and I/O solutions for demanding industrial, mobile and harsh environment applications, now offers a 6U CompactPCI single board computer (SBC) that combines Intel's multicore technology with a flexible mezzanine card extension and rugged design to provide exceptional performance in industrial applications.

The new, scalable D9 can be equipped with the Intel® Core™2 Duo, Core™ Duo or Celeron® M processors to support a multitude of dual-core and single-core CPUs depending on specific application requirements.

By incorporating the Intel® Mobile 945GME Express Chipset with an integrated 256-bit graphics engine providing up to 250 MHz, the D9 combines outstanding computing and graphics performance with low power consumption. The 945GME supports the connection of two monitors with either the same or different displays. Provisions for a VGA connector or up to two digital video portals are provided via a mezzanine card.

The SBC is equipped with a tailored heat sink and up to 4 GB of soldered DDR2 RAM for optimum shock and vibration resistance. This makes the board suitable for a wide range of applications including monitoring, visualization, control and test and measurement throughout the industrial automation, multimedia, traffic and transport, aerospace, shipbuilding, medical engineering and robotics markets.

The D9 offers an extensive combination of I/O functions with rear I/O, mezzanine extension cards as well as XMC or PMC. A total of six USB 2.0 interfaces, up to four UARTs and up to four Gigabit Ethernet ports are available at the front or at the rear of the D9. In addition, PICMG 2.16 can be accessed via a mezzanine card. The D9 also offers a CompactFlash slot and two SATA ports that can be used onboard or on the backplane. An XMC/ PMC slot offers even more modularity. The XMC is controlled via two PCI Express links with one lane each and the PMC offers 32/64 bit and 33/66/133 MHz up to PCI-X.

Depending on the sizes of the system and heat sink as well as the processor type, the D9 can also be used in an extended temperature range of 0°C to +45°C (+32°F to 113°F). Optional conformal coating enables operation in humid and dusty environments.

The board operates in Windows and Linux environments as well as with real-time operating systems that support a multicore architecture. The Award BIOS has been specially developed for embedded system applications. Management and supervision of the board functions complete the functionality of the D9. The D9 has a guaranteed minimum availability of five years, extending the board's standard availability into 2013.

Pricing for the D9 with T7400 starts at \$3,032. Delivery is two weeks ARO.

For additional information:

SBC (e.g. D9) www.menmicro.com/products/default.asp?prod=02D009-

Mezzanine card (e.g. D700) www.menmicro.com/products/default.asp?prod=02D700-

Rear I/O card (e.g. CT) www.menmicro.com/products/default.asp?prod=08CT07-

Contact Stephen Cunha, MEN Micro Inc., 24 N. Main Street, Ambler, Pa. 19002; Phone: 215-542-9575; Fax: 215-542-9577; E-mail: Stephen.Cunha@menmicro.com.

For an electronic copy, please visit <http://www.simongroup.com/PressRoom/WordDocs/men/MEN-A-5561.doc>

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READER SERVICE INQUIRIES: Please forward all reader service inquiries to Stephen Cunha, MEN Micro Inc., 24 N. Main Street, Ambler, Pa. 19002;

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UPCOMING TRADESHOW: RTS Embedded Systems, Paris, April 1-3, 2008; Hall 8 stand A26

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About MEN Micro

Since 1982, MEN Micro has focused on innovation, reliability and flexibility to develop standard and custom board-level solutions that are used throughout industrial embedded applications and harsh environments.

The company provides a robust offering of highly reliable embedded computing and I/O solutions that employ the highest technology and innovations. In addition, MEN Micro offers exceptional custom development and environmental qualification services in accordance with industry standards. The company's standard product range contains more than 100 different computer boards and systems with corresponding BIOS, BSP and driver software based on different PowerPC and Pentium platforms.

The company has nearly 200 employees and is a member of several industry associations, consortiums and alliances.

About The Simon Group

The Simon Group, an award-winning, full service business-to-business marcom agency specializing in high tech and industrial accounts.

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