



PRESS RELEASE

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FOR IMMEDIATE RELEASE

Dual Core Xeon based Embedded PCI Single Board Computer

DTI's LBC9426 Single Board Computer delivers higher performance based on Dual Core Intel® Xeon™ Low Voltage Processors and Intel® E7520 chipset

Baltimore, MD – October 10, 2006 – Diversified Technology, Inc. (DTI) announces today at the Intel® Embedded Solutions Conference the release of the LBC9426 Single Board Computer for communications, government and commercial markets. The LBC9426 is based on the Intel® E7520 Chipset and utilizes 1 or 2 Dual Core Intel® Xeon® Low Voltage Processors. DTI will be showcasing the board in a demo at the Intel shows in Baltimore (Oct 10th), Boston (Oct 18th) and Dallas (Nov 2nd).

“The LBC9426 product continues DTI’s line of PCI/ISA products and once again shows DTI’s commitment to providing both high performance and product line legacy. DTI has been designing around this first PICMG standard for 12 years, and we continue to support customers with existing installation seeking performance increases. This allows DTI’s customers to gain more revenue by extending product lines and forgoing costly fork-lift upgrades”, said Mike Dempsey, DTI’s Senior Vice President of Engineering.

About the LBC9426

Diversified Technology's LBC9426 PICMG® passive backplane compliant SBC with one or two Dual Core Intel Xeon® low voltage processors with 2MB L2 cache processors and dual NICs addresses intense SMP computational network applications.

The extraordinary LBC9426 industrial single board computer features one or two 65nm Dual Core Xeon processor with 2MB L2 cache Micro-FCPGA processors and up to 8GB dual channel, DDR2 SDRAM DIMMs, with full ECC support, on two sockets. Onboard are two channels of 10 Base-T, 100 Base-TX, 1000 Base-TX Ethernet and dual Serial ATA channels, as well as four Universal Serial Bus (USB) ports, 2 serial ports, a parallel port, floppy interface and a PCI VGA and flat-panel controller with 8 MB of memory.

The LBC9426 uses the Intel® E7520 chipset providing a 667 MHz system bus as well as one x4 PCI Express Link. The single x4 PCI Express link provides access to a dual port Gigabit Ethernet controller allowing multiple high-speed offboard data transfers. The 6300ESB ICH provides 2 PCI busses for added support. The 32-bit/33MHz onboard PCI bus links the Video controller, while the 64-bit/66MHz PCI bus is routed to the backplane and supports up to two 64-bit / 66MHz or four 64-bit / 33MHz PCI I/O expansion slots. The 6300ESB also supports USB 2.0, Serial ATA at speeds up to 150MB/s, and an LPC bus linking to an SMSC LPC47B272 Super I/O that provides legacy PC/AT I/O. ISA support for 8-bit cards is also provided.

The AMI BIOS, in field upgradeable Flash, supports software Ethernet enable/disable, video override, serial/parallel port remapping/disable, keyboard disable, console redirection, ACPI 2.0, and PnP. Other features include a hardware monitor (board and system voltages, temperatures, and fan speeds), and a programmable two-stage watchdog timer.



Availability and Pricing

Production shipments begin in Q4 2006. Contact DTI for Pricing Options.

About Diversified Technology, Inc.

Diversified Technology, Inc., an Ergon Company, has been a leading designer/manufacturer of single board computers, blade platforms, and rackmount systems in the embedded computing market for over 35 years. As a silver member of the Intel® Communications Alliance and an ISO9001 certified company, DTI provides Intel® Architecture-based computer boards, systems, and products for next generation processing applications. (www.diversifiedtechnology.com)

About the Intel Communications Alliance

The Intel® Communications Alliance is a community of communications and embedded developers and solutions providers committed to the development of modular, standards-based solutions based on Intel technologies. For more information, please visit: <http://www.intel.com/go/ica>

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