# PRESS RELEASE

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## FOR IMMEDIATE RELEASE

## Diversified Technology, Inc. offers AdvancedTCA Blades with Increased Performance

*The ATC5231 and ATC5232 node blades are now available with single or dual 64-bit Low Voltage Intel Xeon Processors at 3.06GHz.*

AdvancedTCA Summit – December 6th, 2005 – Diversified Technology, Inc. (DTI) has announced that their two AdvancedTCA node blades, the ATC5231 and ATC5232, are now offered with the recently released 64-bit Low Voltage Intel® Xeon™ Processor. The new CPU offers speeds up to 3.06GHz and doubles the L2 cache size to 2MB from previous Low Voltage Xeon Processors. This provides the most performance in the marketplace today. Both of the node blades that feature this new processor are being showcased in Diversified Technology, Inc.'s booth, **#240**, at this week's AdvancedTCA Summit in San Jose, CA.

"By providing the new processor as an option on our AdvancedTCA Node boards, we are giving our customers a new increased performance option," stated Joe McDevitt, DTI's VP of Technical Development. "The processor not only offers increased speeds but also more cache which takes advantage of the Intel E7520 chipset for Server-class I/O Performance."

**About the ATC5231**
The ATC5231 is one of Diversified Technology's Intel® Xeon™ processor based node blades designed for the next generation of communications equipment based on the AdvancedTCA open standards architecture. The ATC5231 implements PICMG® 3.1 Ethernet fabric to provide low price with high performance for wireless access/edge, telecom fiber transport, media gateways, soft switches, and Internet IP-based applications.

DTI's ATC5231 is equipped with a dual low voltage 3.06GHz Intel Xeon Processor with 2MB L2 cache. It utilizes a high I/O bandwidth Intel® E7520 server-class chipset with 800MHz front side bus and support for up to 16GB of memory. Located on-board are two 10/100/1000Mbits/sec auto-negotiating Ethernet controllers for the base interface, two 1000Mbits/sec Ethernet ports for the fabric interface, one 64-bit/66MHz PMC site for user configuration, and other peripherals designed high performance Telco needs.

The board fully supports the AdvancedTCA concept of separate data and control plane traffic when paired with DTI's ATS1460. The ATC5231 is compliant with ATCA 3.1 specification via Option 4, including four backplane Ethernet connections and two fibre channel connections. On-board storage includes options for either a high reliability fibre channel drive or a micro IDE drive. The ATC5231 utilizes an AMI® Embedded BIOS with boot from HD, CD-ROM, or the network. Console redirection, PnP, and PCI auto configuration are also supported. A variety of operating systems are supported including Carrier Grade Linux.

**About the ATC5232**

The ATC5232 is one of Diversified Technology's Intel® Xeon™ processor-based node blades designed for the next generation of communications equipment based on the AdvancedTCA open standards architecture.. The ATC5232 implements PICMG® 3.2 InfiniBand fabric to provide 10Gb/s throughput for wireless access/edge, telecom fiber transport, media gateways, soft switches, and Internet IP-based applications.

DTI's ATC5232 is equipped with dual Low-Voltage Intel Xeon 3.06GHz processors, each with 2MB L2 cache. It utilizes a high I/O bandwidth Intel® E7520 server-class chipset with an 800MHz front side bus and support for up to 16GB of memory. The ATC5232 uses a standard 2.5" IDE micro hard drive for storage. I/O peripherals located on-board are two auto-negotiating Gigabit Ethernet controllers for the Base interface, two 10Gbits/sec x4 InfiniBand ports for the Fabric interface, one 64-bit/66MHz PMC site for user configuration, and other peripherals designed for high-performance Telco needs. Two 2.5GHz x8 PCI Express links are available at the RTM connectors.

The board fully supports the AdvancedTCA concept of separate data and control plane traffic when paired with DTI's ATS2148. The ATC5232 is compliant with the ATCA 3.2 specification via Option 1, including two backplane Ethernet connections and two backplane InfiniBand connections. The ATC5232 utilizes an AMI® Embedded BIOS with boot from HD, CD-ROM, or the network. Console redirection, PnP, and PCI auto configuration are also supported. Operating systems supported include Red Hat Enterprise Linux, SuSE, and Fedora.

**About Diversified Technology, Inc.**

Diversified Technology, Inc., an Ergon Company, has been a leading designer/manufacturer of single board computers, embedded platforms, and rackmount systems in the industrial computing market for over 34 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. For more information on Diversified Technology, Inc., visit us on the web at (http://www.dtims.com/).