NEWS RELEASE

For Immediate Release

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Latest Trenton Single Board Computer Enhances System Performance, Platform Security and Video Capabilities

Trenton's TSB7053 SBC features the new Intel® Xeon® processor E3-1200 family to maximize long-life system designs while enabling significant power savings.

Atlanta, GA [April 5, 2011] – The Trenton TSB7053 incorporates the new Intel® Xeon® processor E3-1200 family and the latest Intel® Platform Controller Hub (PCH) technology into a PICMG® 1.3 single board computer (SBC) design. This long-life SBC enables industrial automation, medical imaging and military & aerospace system designs that deliver high-performance computing flexibility with a greater level of security and built-in support for multiple video connections. The TSB7053 features the Intel® Xeon® processor E3-1275 and the Intel® C206 chipset. Direct PCI Express 2.0 links out of the processor provide superior interface support for the PCIe 2.0, PCIe 1.1 and PCI option card slots used in a typical high-performance rackmount computer system design. Trenton's TSB7053 supports key Intel® technology enhancements such as Intel® vPro™ technology, Intel® Advanced Vector Extensions (Intel® AVX) and Intel® HD Graphics P3000.

"The TSB7053 provides important new capabilities for our SBC and system customers", said Bill Bowling, Trenton V-P and General Manager. "The TSB7053 answers a major need for system performance, multiple video display support and power efficiency in an SBC form factor that will be available over the long industrial computer deployment cycles typical with our customers."

"The new Intel® Xeon® processor E3-1200 family delivers optimum performance per watt for compute-intensive, mission-critical embedded and communications applications such as military command and control, surveillance and communications systems," said Matt Langman, director of product marketing, Intel Embedded Computing Division. " With processor graphics, Intel® AVX technology, and error correction code (ECC), systems builders can deliver enhanced security and video applications."

Here is an abbreviated features list for the Trenton TSB7053 single board computer:

Processor & Chipset	One, Quad-Core Intel® Xeon® Processor E3-1275 with the Intel® C206 Chipset
Performance	Next gen. processor die integration & Intel® Turbo Boost Technology 2.0 across all processor cores and graphics core, direct PCIe 2.0 links, DDR3-1333 memory, high-def graphics and video interfaces
Power Efficiency	32nm processor die, power dynamically re-distributed between processor cores and graphic cores based on the demands of the system software
Memory & I/O	4 – DDR3 DIMMs (32GB max. system memory), 6 – SATA ports, Integrated TPM 1.2, On-board storage, 10 – USB ports, 3 – Gbe Ethernet interfaces, Dual video ports, RS422/585 port, RS232 port

All Trenton PICMG 1.3 single board computers come with a five-year factory warranty. Additional information is available on the Trenton Single Board Computers web page.

About Trenton
Trenton is a designer and manufacturer of embedded motherboards, complete industrial rackmount computer systems as well as single board computers, system host boards, backplanes and processor AMCs for critical embedded computing applications. Trenton is a member of the Intel® Embedded Alliance, a community of communications and embedded developers and solution providers.

For more information about our company, or any Trenton product, call (800) 875-6031 or (770) 287-3100. Please visit our website at www.trentontechnology.com or follow us on:

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