



Microway, Inc.
12 Richards Road
Plymouth, MA 02360

Contact:
Ann Fried
Microway, Inc.
508-732-5555
ann.fried@microway.com

FOR IMMEDIATE RELEASE
June 26, 2006

Microway announces NumberSmasher®-5100 Linux-based clusters, servers and WhisperStations employing the Dual-Core Intel® Xeon® Processor 5100 series.

June 26, 2006 Plymouth, MA. — Microway today announced their new Dual-Core Intel® Xeon® processor-based clusters and WhisperStations. The Dual-Core Intel Xeon Processor 5100 series-based solutions deliver both energy efficiency and high performance with over 2x performance of single-core Intel Xeon processor-based systems and over 3x the power efficiency.

An Intel® Channel Partner Premier Member, Microway uses industry-leading Intel technologies, coupled with sophisticated, proprietary cluster monitoring and management software, to create solutions specific to HPC customers' needs. Enhancing ROI, Microway provides the latest Intel products and solutions that are compatible with customers' existing cluster and software solutions.

When a NumberSmasher-5100 cluster is connected with Microway's FasTree™ InfiniBand switch, MPI applications can achieve interprocessor bandwidths of 1400 MB/sec while taking advantage of the 3.8 microsecond latency of the latest Mellanox DDR HCA's. Working with Qlogic (PathScale) InfiniPath InfiniBand adapters, the SDR latency drops to just 1.7 microseconds.

"The new Intel® Core™ Microarchitecture is especially interesting for our customers whose applications take advantage of the SIMD floating point units found in Dual-Core Intel Xeon processors," said Stephen Fried, President and CCTO of Microway. "These make it possible to execute up to four floating point adds per cycle per core, a real plus for users who are performing DSP computations like radix 8 FFT's that are bound by the speed of the floating point adder. Using the vector feature of the Intel

compilers, it becomes possible for a dual processor and dual-core combination to crank out 16 adds per cycle, which at 3.0 GHz is 65 single precision gigaflops! The large caches also make it possible to store 64K complex data sets in core, dramatically reducing the time it takes to perform large FFT's."

He continued, "The Dual-Core Intel Xeon processor 5100 series really shines in situations where code inefficiency is encountered due to the nature of the problems being solved or the software being run. Applications which do not take advantage of hand-tuned kernels will end up speeding up by 50% or more, because they do not run memory bandwidth limited. Problems where addressing has to pass through filters before fetches can be made, such as sparse matrix solvers, also show very large increases in throughput."

For more information Microway's new NumberSmasher®-5100 products please visit the company's web site at www.microway.com.

About Microway

Incorporated in 1982, Microway is a major vendor in the High Performance Computing market, designing state-of-the-art, high-end Linux clusters, servers, and data storage solutions. Users worldwide pushing the limits of technology choose us for solutions. These include universities, life sciences, financial, military, Fortune 500s and research agencies.

Microway partners with leading commercial software providers to include products such as Intel Compilers, Platform, SUSE and Red Hat Linux in HPC clusters. Microway is an Intel Premier Channel Partner, Novell Gold Partner and Microsoft Direct OEM for Windows Server 2003 Cluster Edition. Classified as a small business, woman owned and operated, Microway's GSA Contract Number is GS-35F-0431N. For more information and a subscription to Microway's online technical newsletter, please visit www.microway.com.

Microway, the Microway logo, FasTree, GigaCube, MCMS, MPI Link-Checker, NumberSmasher, QuadPuter, and WhisperStation are trademarks or registered trademarks of Microway, Inc. Mellanox and InfiniScale are trademarks of Mellanox. Microsoft and Windows are registered trademarks of Microsoft Corporation in the U.S. and/or other jurisdictions. Other brands and trademarks are the property of their respective owners.

Intel, the Intel logo and Xeon are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. Performance tests and ratings are measured using specific computer systems and/or components and reflect the approximate performance of Intel products as measured by those tests. Any difference

in system hardware or software design or configuration may affect actual performance. Buyers should consult other sources of information to evaluate the performance of systems or components they are considering purchasing. For more information on performance tests and on the performance of Intel products, visit Intel Performance Benchmark Limitations (<http://www.intel.com/performance/resources/limits.htm>).