NX Nastran Optimized Performance for Altix™

SGI® Altix™ Family of Systems Scales UGS NX Nastran to New Heights

Features

- Breakthrough performance in standards-based environment
- Global shared memory across large, 64-processor cluster nodes
- Built-in cluster interconnect fabric up to 200 times faster than conventional switches
- HPC computing optimized for technical computing with industry-standard Linux®

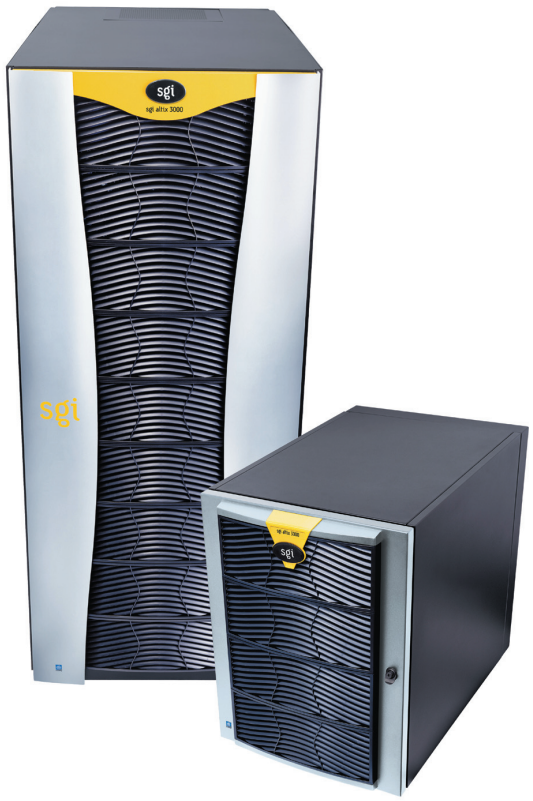
UGS NX Nastran software optimized for the SGI® Altix™ systems

As a result of a joint development effort, SGI and UGS have optimized NX Nastran, UGS PLM Solutions' new world-class digital simulation and analysis software, for the award-winning SGI Altix family of servers and superclusters.

This combined solution, delivers dramatically new price/performance advantages for manufacturing organizations seeking to leverage the unique advanced algorithms of Nastran and the standards-based, record-shattering system performance of the SGI Altix family. The fastest system ever to run the Linux operating system, SGI Altix is a true 64-bit high-performance computing (HPC) platform that leverages the advantages of open source computing with up to 64 powerful Intel® Itanium® 2 processors in a single node – and up to 256 in a cluster configuration.

Manufacturers worldwide rely on large model dynamic response simulation to keep their edge in an ever more competitive global marketplace. With NX Nastran running on the 64-bit Linux operating environment of the SGI Altix, manufacturers can now experience performance boosts of more than 40 percent compared to that of other Linux systems.

NX Nastran optimized by UGS PLM Solutions for Altix, is also available on SGI® systems based on the powerful MIPS® processor family and the scalable IRIX® operating system. SGI systems supporting NX Nastran include SGI® Origin® servers and supercomputers and the powerful new Tezro™ visual workstation.



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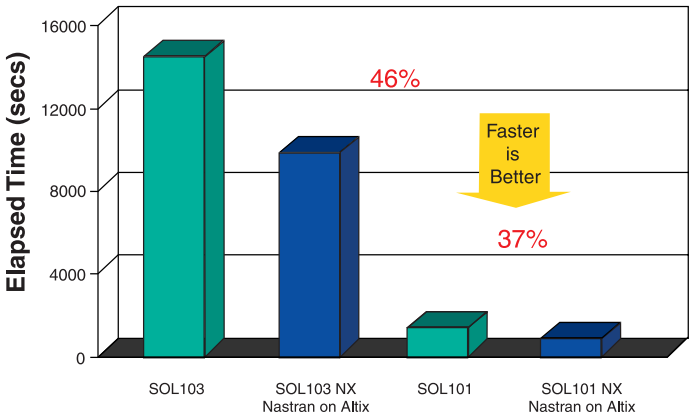
NX Nastran and Altix; Industry-leading price-performance advantage that only a standards-based solution can provide

The SGI Altix family of servers combines industry-standard 64-bit Linux with the Intel Itanium 2 processor family and SGI® NUMAflex™ architecture to enable global shared memory systems from a few to hundreds of processors, which is a first for Linux OS-based computing. Powered by the third-generation NUMAflex supercomputing architecture, even the largest data sets can be handled and analyzed with ease and in record time. Only the SGI Altix family of servers is designed around this scalable shared-memory architecture that analyzes data sets as whole entities, without breaking them up into smaller segments to be handled by individual processors. The Altix architecture has proven ideal both for complex shared-memory applications running on a large single system image, and for communication-intensive applications optimized for clustering.



Save $25,000 on SGI® Altix™ 3300 systems when combined with UGS PLM Solutions NX Nastran

Take advantage of NX Nastran optimized performance on an SGI Altix four, eight or twelve processor Altix 3300 system and receive up to a $25,000 credit. Purchase an Altix 3300 for use with NX Nastran now through March 31st 2004 and benefit from this special savings.

This promotion may not be combined with another offer. Promotion is valid until March 31, 2004, and all orders must be booked on or before March 31, 2004. This offer is subject to change without notice and valid while supplies last.

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