NEC CORPORATION OF AMERICA INTRODUCES NEW HIGH PERFORMANCE SERVER FOR THE DUAL-CORE INTEL ITANIUM 2 PROCESSOR 9000 SEQUENCE

Express58000/1000 Series Based on NEC's Excellence in Supercomputing and Mainframe Technologies for Mission Critical Enterprises

Santa Clara, Calif., July 18, 2005 - NEC Corporation of America, a premier provider of IT, network and visual display solutions, today announced its third-generation NEC Express5800 Itanium servers that amplify the capability of the new Dual-Core Intel® Itanium® 2 processor 9000 sequence. Leveraging NEC's supercomputing and mainframe technology, the NEC Express5800/1320Xf and Express5800/1080Rf servers incorporate the new Dual-Core Intel Itanium 2 processor (codenamed Montecito). Designed to meet the needs of the high-end server market, NEC Express5800/1000 series offers the performance and reliability that enterprises require for mission critical operations.

Supercomputer Performance

NEC Corporation's experience in technical computing began in early 1980's with the introduction of its SX line of vector supercomputers. In 2002, NEC manufactured the Earth Simulator, which was fastest computer in the Top 500 Supercomputer for more than two years. The low latency and high performance memory and crossbar interface technology of NEC's supercomputers served as a basis for its Express5800/1000 series. NEC recognizes that the demand for Itanium solutions is moving toward the high-end symmetric multiprocessing (SMP) server market, where performance and scalability are vital. With the new Dual-Core Intel Itanium 2-based processors, NEC expects significant market segment growth as Itanium processing power becomes a mainstream processor for enterprise servers.

Mainframe Reliability

NEC introduced its first mainframe system in the 1970's. Its deep heritage in mainframe technology and NEC's expansive research and development efforts in Itanium server technology, NEC has delivered mainframe-class RAS features in its Express5800/1000 series. The server supports modular designs, redundant components, hot plug capabilities, and floating I/O. Illustrating its mainframe technological capabilities, NEC was the first company in the world to demonstrate the dynamic reconfiguration of CPU and memory resources while running beta 1 of the future Microsoft® Windows® Server operating system, codenamed "Longhorn."

"Now NEC's Express5800/1000 series Itanium servers offer enterprise computing customers outstanding price-performance and advanced platform capabilities for mission critical environments," said Masahiko Yamamori, vice president of new business development and engineering, Solutions Platform Group of NEC Corporation of America. "With the advances of the Dual-Core Intel Itanium 2 processor integrated with the technology of NEC's vector supercomputers and mainframes, NEC's Itanium server solution delivers the performance and reliability required to replace large proprietary and legacy enterprise servers at a more affordable price point."

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"Together, Intel and NEC have a long history of engineering leading-edge systems that provide the performance, scalability and reliability needed by enterprise and technical computing customers," said Kirk Skaugen, vice president, Digital Enterprise Group, Intel. "Built on the new Dual-Core Intel Itanium 2 processor, NEC's Express5800/1000 series delivers outstanding price-performance compare to proprietary RISC systems."

Key System Specifications

The Express5800/1000 server series will include two standard models:

- Express5800/1320Xf (32-way system)
- Express5800/1080Rf (8-way system)

Key system configurations included with each system are:

- Third-generation NEC chipset
- Intel Itanium 2 Processor 9000 (1.6GHz/24MB processors)
- Memory capacity up to 512GB
- Expansion for up to 64 PCI-X slots
- Up to 8 partitions
- Redundant and hot-plug components
- Microsoft Windows and Linux

The new Express5800/1000 servers will be available in North America in September 2006. Servers are available as 8-way, or 32-way base systems. For server inquiries, please contact NEC Corporation of America at 866-632-3226. Further information is available at www.nec64.com, or www.necam.com.

About NEC Corporation of America

NEC Corporation of America is a leading technology provider of IT, network and visual display solutions. Headquartered in Irving, Texas, NEC Corporation of America is the North America subsidiary of NEC Corporation (NASDAQ: NIPNY). NEC Corporation of America delivers technology and professional services ranging from server and storage solutions, digital presentation and visual display systems to biometric identification, IP voice and data solutions, optical network and microwave radio communications. NEC Corporation of America serves carrier, SMB and large enterprise clients across multiple vertical industries. For more information, please visit www.necam.com.