NEC NEC Corporation of America

News Release

FOR IMMEDIATE RELEASE

Contact: Helen D'Antoni NEC Corporation of America Telephone: 631.755.0727 Helen.Dantoni@necam.com

Kelly Indrieri Kulesa Faul for NEC Corporation of America (650) 340-1983 <u>kelly@kulesafaul.com</u>

NEC Announces New Enterprise Server Built on Intel® Xeon® Processor 7500 Series Designed to Deliver Capacity, Performance, Flexibility and Fast Time to Market

Over 300 Percent Improvement in Thread Per Density; One Server Chassis and Architecture can Accommodate Flexible Partition; Up to 2TB of Memory for Virtualization, Database and Business Intelligence Deployments

Santa Clara, Calif. – March 30, 2010 - NEC Corporation of America, a leading provider and integrator of advanced communications, networking and IT solutions, today announced the fifth generation server in its premier line of enterprise Intel-based servers. NEC Express5800/A1080a server provides exceptional flexibility, capacity, record-breaking performance and configurability exploiting the inherent functionality of the Intel® Xeon® Processor 7500 series.

Building upon the record breaking performance of the NEC Express5800/1000 series, the Express5800/A1080a server exploits the inherent functionality of Intel's QuickPath Interconnect (QPI) technology, delivering over 300 percent improvement in thread per one unit (1U) density compared to the previous generation server while offering modular partitioning within an innovative single chassis.

"With this latest generation server, NEC is continuing to incorporate super computer and mainframe-inspired features into the server industry's highest quality and most reliable solutions for mission-critical computing on x86 Intel-based platforms," said Mike Mitsch, general manager, at NEC Corporation of America. "The Express5800/A1080a server delivers the density, configuration flexibility and energy efficiency our customers have come to expect from NEC."

Fast Implementation and Increased Performance

Built entirely on Intel's new server processor architecture with NEC's advanced RAS features, the Express5800/A1080a server will support standard operating system releases for immediate *out of the box* implementation.

"Intel welcomes NEC's announcement of the Express5800/A1080a series based on the Intel® Xeon® processor 7500 series," said Boyd Davis, general manager of Intel's Data Center Marketing Group. "We're

excited to see NEC support the Machine Check Architecture Recovery capability available for the first time in x86 servers with the Intel Xeon processor 7500 series. The NEC Express5800/A1080a is a compelling complement to NEC's portfolio of mission critical systems. With up to eight high-performance Intel Xeon Processor 7500 series CPUs in a configurable, high density system, NEC will help deliver the performance, scalability and availability required for the most demanding enterprise applications, large-scale server consolidation and database environments."

Addresses Blade and Server Sprawl

The Express5800/A1080a server is especially suited for environments struggling with managing various server architectures or space constraints due to blade or server sprawl. NEC's innovative *server-in-a-box* approach offers IT managers the option of having a unified management-operating environment on a common architecture regardless of workload.

"NEC Express5800/1000 series servers deliver the exceptional performance, availability and scalability that Online Resources demands to better serve our online banking customers," said Paul Franko, CTO for Online Resources. "If we add a client tomorrow with 500,000 online accounts, we have to be able to get them all live immediately. NEC's Express5800 enterprise server with Intel-based processors would allow us to achieve this without any impact to system performance or availability."

Scalable and Flexible

The Express5800/A1080a server can accommodate up to 2 terabytes (TB) of memory and 128 threads with modular in-box partitioning in an innovative single 7U chassis. Whether for memory hungry virtualization solutions, compute intensive databases, analytic requirements or high-availability for sensitive business and industrial applications, IT managers have the flexibility to scale and configure the new Express5800/A1080a server specifically for their unique datacenter requirements.

Cost Savings

The Express5800/A1080a server also represents exceptional value. Designed to be less costly than two discreet servers, this latest generation of NEC Intel-based enterprise servers can save businesses valuable rack space and power due to the advanced partitioning and power cooling technology.

Simple Standardized Management

The Express5800/A1080a server also include built-in service processors that work in conjunction with NEC's BIOS and Intel's MCA architecture to simplify management of all server resources even when converted into partitions. Along with service processors and fully hot-swappable redundant power supplies, NEC Express5800/A1080a server provides the reliability, availability and serviceability that business and industrial class datacenter managers have come to expect from NEC.

Product Availability

The new Express5800/A1080a server is orderable immediately and will be showcased at Intel's March 30, 2010 U.S. launch at the Bently Reserve in San Francisco, California. The four-socket model will be generally available on May 10, 2010 with the eight-socket model shipping on June 24, 2010. For more information on NEC's Express5800/A1080a server, please visit http://www.necam.com/Servers/Enterprise/.

About NEC Corporation of America

Headquartered in Irving, Texas, NEC Corporation of America is a leading provider of innovative IT, network and communications products and solutions for service carriers, Fortune 1000 and SMB businesses across multiple vertical industries, including Healthcare, Government, Education and Hospitality. NEC Corporation of America delivers one of the industry's broadest portfolios of technology solutions and professional services, including unified communications, wireless, voice and data, managed services, server and storage infrastructure, optical network systems, microwave radio communications and biometric security. NEC Corporation of America is a wholly-owned subsidiary of NEC Corporation, a global technology leader with operations in 30 countries and more than \$42 billion in revenues. For more information, please visit <u>www.necam.com</u>.

NEC is a registered trademark of NEC Corporation. All Rights Reserved. Other product or service marks mentioned herein are the trademarks of their respective owners. © 2010 NEC Corporation of America.