ISV Quotes for the Intel® Xeon® Processor 5500 Series

"The performance improvements we've seen with our software on the Intel® Xeon® processor 5500 series are very exciting for ANSYS customers, who benefit directly from faster turnaround for engineering simulation," said Barbara Hutchings, Director of Strategic Partnerships at ANSYS, Inc. "We have benchmarked speedup of more than 2 times relative to the previous generation processors for ANSYS® Mechanical™ and ANSYS® FLUENT® software, and roughly 1.5 times for ANSYS® CFX®. This kind of speed and scaling is critical to customers who want to consider higher-fidelity multiphysics simulations and improve the productivity of their engineering process."

"Asianux Server 3 works very well with the Intel® Xeon® processor 5500 series. RedFlag company, one the founding members of Asianux, collaborated with Chinese domestic leading software partners, KingBase and TongTech, to implement a strict performance testing system with an authoritative TPC-W environment. The testing results show that Intel® Xeon® processor 5500 series' performance greatly exceeds that of previous solutions. We believe this advanced technology will play a very critical role in domestic, even global IT building." – Mr. Dong Jia, Chairman of Asianux cooperation and CEO and President of RedFlag Company.

"The combination of the new Intel® Xeon® processor 5500 series with Autodesk's Maya, 3DsMax, and SoftImage is going to define a new standard of performance within our industry." – Marc Stevens Vice President, Autodesk Games

"The new 2-socket workstations based on the Intel® Xeon® processor 5500 series with Intel® Hyper-Threading Technology are perfect for Bunkspeed®HyperShot®, our interactive photorealistic 'all digital camera' raytracing software. We are seeing a compelling ~2x performance increase from the previous generation of Intel®based workstations, making it well worth the upgrade!" – Phil Lunn, CEO/Founder, Bunkspeed

"Intel has been instrumental in helping us bring an entirely new level of openness, security and scale to the server virtualization industry by working with us to lead the development of the open source industry standard Xen hypervisor, as well as a first-of-its-kind client hypervisor," said Simon Crosby, CTO, Virtualization Management Division, Citrix Systems. "The new Intel® Xeon® processor 5500 series is an excellent platform for virtualizing enterprise workloads. And with built-in virtualization and security technologies that leverage the Citrix Delivery Center infrastructure technologies, our customers can utilize the performance and the power-saving features while benefiting from unprecedented gains in server utilization and overall reductions in Total Cost of Ownership."

"The Intel® Xeon® processor 5500 series, with its on-chip memory controller and improved cache, shows a big jump in parallel performance compared to the Intel® Xeon® processor 5400 series for our class of OpenMP based applications. Intel has provided excellent support for our parallelization development efforts." – Ken Dedeluk, President & CEO, CMG

"IBM is pleased to have achieved impressive database performance results in combination with the next generation of server processors from Intel. In collaborative benchmarking efforts, IBM solidDB 6.3 was shown to perform up to 1.87x more in-memory transactions, IBM DB2 9.5 performed up to 1.60x more XML transactions and IBM Informix Dynamic Server 11.5 performed up to 1.84x more OLTP transactions on Intel Xeon 5500 processor-based systems than on previous generation hardware configurations. Our customers will benefit from being able to deliver the high performance and power that users demand, for all kinds of transactions, while lowering operational costs." – Arvind Krishna, IBM Vice President, Data Management & Worldwide Information Management Development

“IBM and Intel are collaborating to enable performance-optimized information management solutions. The Intel® Xeon® processor 5500 series unlocks new performance potential with its memory and processing innovations that, when coupled with the IBM® solidDB® 6.3 in-memory database, can double transactional performance over previous generation deployments. IBM is pleased to continue working with Intel toward delivering solutions that solve our customers’ biggest infrastructure challenges, and enable information on demand.” – Ari Valtanen, Director & CTO, IBM solidDB, IBM Information Management

“Never before has Image Analyzer been able to generate so much throughput on a single processor. Intel’s Nehalem microarchitecture allows Image Analyzer to scale further on a single processor than ever before. On the next generation Intel® Xeon® processor 5500 series, Image Analyzer has a 2x performance gain compared to the current generation Intel Xeon processor. Image Analyzer can efficiently run two threads per core, resulting in a significant performance increase on a quad-core processor.” – Nick Drew, Director of Business Development Image Analyzer Ltd

"The new quad-core Intel® Xeon® processor 5500 series based servers represent the state of the art in CPU platform design and 45nm process technology. Intense Technologies’ iECCM Suite obtains a 2.5X throughput gain on a quad-core Intel® Xeon® processor 5500 (2.8GHz) based server with virtualization implemented, over a quad-core Intel® Xeon® processor 5400 series (2.66 GHz) based server.” – Srinivas Tangirala, Sr VP, PMG, Intense Technologies

“Our testing of Caché running natively on a single Intel® Xeon® processor 5500 series based server using our internal benchmark showed an increase of ~60% in maximum concurrent user support, from 4,400 users on the previous generation server to 7,200 on the new Intel® Xeon® processor 5500 series based server. Performance and scalability are paramount objectives for InterSystems. The performance gains we are seeing with Caché on this new processor go well beyond the incremental performance improvements we have previously seen.” Robert Nagle, VP of Development, InterSystems Corp.

"We are pleasant to find out our Kingdee Middleware's Apusic application server productions gain more breakthrough performance, energy efficiency and reliability based on Intel® Xeon® processor 5500 series. It can also support more concurrent users, and win more TPS with an economical cost. We will be glad to recommend Intel® Xeon® processor 5500 series widely to our customers.” – Zhang Yong, Technical Director of Kingdee Middleware Co., Ltd

"Compared with previous quad-core server platform, Intel's latest Intel® Xeon® processor 5500 series new architecture and Quad-Core platform, we were able to see a great performance platform brings out more than 140% performance boost to kingdom Stock Transaction System (STS) even with less power consumption, which will provide improved purchase and TCO efficiencies to our end users. We will recommend this Intel® Xeon® processor 5500 series based configuration to our customer group after its launch". Du Yuwei, Technical Vice Director, Kingdom

"Our benchmarks show that running our on-line gaming system in a Hyper-V virtualization environment on Intel® Xeon® processor 5500 series based servers virtually doubles performance. With their higher performance, consolidation headroom, and energy efficiency, these new Intel Xeon processors and Hyper-V will help us reduce our carbon footprint, save on power costs, and let us grow our business a lot further with our existing data centers." – Chen FeiZhou, Vice President, Kingsoft

"Customers are looking for a virtualization solution with exceptional performance, energy-efficiency, and manageability to transform their IT infrastructure and reduce costs. The Intel® Xeon® processor 5500 series represents a new generation of intelligent, highly efficient server processors and together with Windows Server 2008 Hyper-V, brings our customers a best-in-class virtualization solution." – Bill Laing, Corporate Vice President, Windows Server

"As a data warehousing application optimized for parallel, multi-core processing, Madison appliances will deliver unrivaled performance to customers running on the Intel® Xeon® processor 5500 series. The Intel® QuickPath Architecture adds a high-speed point-to-point interconnect and dedicated memory controller to increase data bandwidth delivering a cost effective and scalable data warehousing appliance to our customers" – Stuart Frost, GM, SQL Server

"Intel® Xeon® processor 5500 series demonstrates its strong capability in floating point computation and help CT performance get 2.3X compared to the previous Intel® Xeon® platform. We believe with Intel® Xeon® processor 5500 series, we can deliver much better digital health solutions to end-users." – Liu Jinjun, CT Technical Director

"For Neusoft Telecom BSS system built on XEN, the performance gap between Intel® Xeon® processor 5400 series and Intel® Xeon® processor 5500 series is extremely large: 2.12x performance speedup can be achieved on Xeon Intel® Xeon® processor 5500 series and also 2.03x speedup for performance per watt. I believe those impressive numbers will satisfy the customers' increasing needs for high performance." – Liu Dalong, Neusoft Telco Division Sr. Engineer

"Intel® Xeon® processor 5500 series, coupled with SUSE Linux Enterprise, provides our joint customers the intelligent infrastructure that they require to support their business," said Roger Levy, Senior Vice President, Strategic Development at Novell, "In addition, our joint customers are able to get very high levels of server consolidation, thus providing overall savings through reduced power consumption, which assists customers in running a green IT environment."

"Customers will be very pleased with both the raw performance and the performance per watt that they see when running JRockit on top of the Intel® Xeon® processor 5500 series." – Adam Messinger, Vice President, Development, Oracle Fusion Middleware

"We're very excited about the relationship between Oracle and Intel and for the Oracle VM product, with the Intel® Xeon® processor 5500 series. It allows our customers to get the performance they demand and have a greener solution in their environment, while actually lowering their operating costs." – Kurt Hackel, Senior Development Manager, Oracle VM Server

"With the new Intel® Xeon® processor 5500 series' intelligent performance features and Parallels Workstation 3.0 Professional Edition, customers will bring creative ideas to life faster than ever before. Parallels FastLane virtualization architecture leverages Intel® Virtualization Technology for Directed I/O (VT-d) to create an entirely new workstation experience by directly assigning network and graphics cards - giving users an opportunity to deliver near-native network performance and 3D graphics capability from a virtual machine environment." – Bryan Goode, Vice President of Business Development for Parallels

"Our Brilliance Workspace workstations show 50% improvement in performance when running on the Intel® Xeon® processor 5500 series based workstation. Delivering enterprise-class real-time image processing is a CPU intensive task. This processor enables us to further enhance our market leadership position." –Baruch Sabbah, Workstation Program Manager, CT Engineering, Philips Healthcare "

"The new quad-core Intel® Xeon® processor 5500 series based servers offer the state of the art in CPU platform design and 45nm process technology. Real Image's QubeMaster Pro obtains a 1.59X FPS improvement on a quad-core Intel® Xeon® processor 5500 series (2.8GHz) based server with HT turned on, over a quad-core Intel® Xeon® processor 5400 series (2.66 GHz) based server." – Senthil Kumar, Director, Real Image Media Technologies

"Red Hat and Intel have worked together as strategic partners for many years, and have integrated our technologies to meet the needs of our global customers. In the past, customers had to separately select the right hardware, virtualization and operating system layers. With the combination of Red Hat Enterprise Linux featuring built-in virtualization and the new Intel® Xeon® processor 5500 series, we offer an integrated solution that can reduce complexity, boost performance and expand scalability." – Paul Cormier, Executive Vice President and President, Products and Technologies at Red Hat.

"The Intel® Xeon® processor 5500 series is a new generation of server processors that intelligently adapts to your business needs. It includes some advanced features that let the servers adapt to application behavior by automatically adjusting processing power to deliver maximum performance, scaling energy usage to the workload, and offering best-in-class virtualization. SAP clients looking to upgrade, virtualize and add new capabilities such as business intelligence will benefit from this latest server technology." – Mark Marcus, National Vice President, Platform, SAP Americas

"Schlumberger ECLIPSE* reservoir simulation software is used by customers to make time-sensitive, critical field investment and development decisions—to optimize well controls and operations planning—and increase oil and gas production and ultimate field recovery. HPC servers and workstations built with the Intel® Xeon® processor 5500 series deliver significant increases in memory bandwidth, delivering up to 3.13x performance compared to the Intel® Xeon® 5400 series on the ECLIPSE Blackoil simulator. The significant performance increase of the Intel® Xeon® processor 5500 series enables customers to create more detailed models and run more realizations in the same time. This enhances their understanding and reduces uncertainty

regarding reservoir mechanics, so they can make more informed decisions than they could in the past." – Olivier Peyret, Vice-President Software Products, Schlumberger Information Solutions

"After working closely with Intel for the last 2+ years we are confident that OpenSolaris and Solaris 10 will unleash the capabilities Intel has integrated into the new Intel® Xeon® processor 5500 series. We are excited by the performance, power-efficiency and scalability customers will experience on new Intel Xeon processor 5500 series based servers shipped with the Solaris operating system by the world's top server vendors." – Jim McHugh, VP Data Center Software, Sun Microsystems

"The enhancements offered by Intel's new Intel® Xeon® processor 5500 series based servers allow us to match the ever increasing demand for more sophisticated risk analysis simulations" – Marcel Müller, CTO SunGard Ambit BancWare

"As a computing-intensive product, the performance of SUPCON APC-Sensor is closely related to the hardware platform capabilities. On the newest Intel® Xeon® processor 5500 series, APC-Sensor can achieve 2.91x performance boost and 3.02x performance per watt boost, compared with the old Intel® Xeon® processor 5400 series. The amazing results showed that the new Intel® Xeon® processor 5500 series is certainly one of the most preferable platforms for our product and those numbers will certainly impress our customers greatly." – Xiaoming Jin, General Manager of Supcon APC Division

"Taking advantage of Intel's latest Intel® Xeon® processor 5500 series new architecture and Quad-Core platform, we were able to see a great performance boost on TongTech TongIntegrator compared with previous platform, which can help TongTech to provide the TongIntegrator solution to future practical deployment with high performance/price ratio ." – Ren Yu , GM of R&D Center, Tongtech

"It's really amazing for UFIDA Online ERP Service to get 3.373x performance boost and 3.365 performance per watt boost on the new Intel® Xeon® processor 5500 series platform. As a SaaS, it's really important to enhance our system ability. The amazing results show that the new Intel® Xeon® processor 5500 series is certainly one of the most preferable platforms for our product, and high performance will certainly impress our customers greatly." – Chen Shuichao, UFIDA online R&D Director

"We're tremendously excited about the combination of the Intel® Xeon® processor 5500 series and VMware software," says Dr. Stephen Herrod, CTO and Sr. VP of R&D at VMware. "It will transform how people think about performance and energy efficiency in their datacenters. Whether it's the greater density of virtual machines, the performance and efficiency to run enterprise applications in a virtual environment, or the flexibility to add the latest hardware to existing pools, the Intel® Xeon® processor 5500 series will offer a significant return on investment for customers building internal and external clouds based on VMware."

"The introduction of Intel® Xeon® processor 5500 series represents a significant opportunity for customers requiring a multicore architecture designed to increase performance while conserving energy," said John Bruggeman, Chief Marketing Officer at Wind River. "Wind River will be supporting this product across its portfolio of run-time software, hypervisor technology, and development tools, demonstrating tight company and product roadmap alignment."