



PROCESS THE FUTURE WITH INTEL® XEON® SCALABLE PROCESSORS



SOLVE YOUR BUSINESS CHALLENGES WITH A FUTURE-READY PLATFORM

Your data-fueled enterprise faces many unique challenges in a rapidly-changing business environment. You need an efficient, scalable platform to tackle today's complex and demanding workloads to gain insights from data faster to achieve higher ROI.

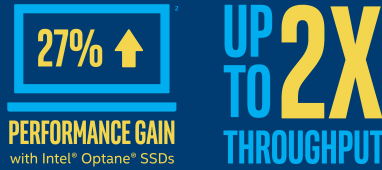
HIGHLY VERSATILE PLATFORM FOR BUSINESS INNOVATION

We know it's key to get data insights to users fast. Using Intel® Xeon® Platinum 8180 processors, EXASOL® saw up to a 2.14X performance gain* with their in-memory clustered database solution over previous generation processors. Now, their customers can potentially enjoy faster analysis and reporting.

UP TO **2.14X** FASTER DATABASE PROCESSING*
Intel® Xeon® Platinum 8180 Processor

PERFORMANCE OPTIMIZED FOR MAXIMUM EFFICIENCY

In business, you're often asked to do more in less time. With Intel® Xeon® Platinum 8180 processors and Intel® Optane® SSDs, the SAS® 9.4 Mixed Analytics application delivered up to 2X faster performance², allowing customers to run more complex analyses across larger data sets in a shorter amount of time.



MODERNIZE YOUR INFRASTRUCTURE

A solid infrastructure is the foundation of your enterprise. By combining a software update and the Intel® Xeon® Platinum 8180 processor, IBM® DB2®, the company's flagship database product, saw a 2.65X performance improvement³, resulting in lower response times for faster queries and higher throughput.

2.65X PERFORMANCE IMPROVEMENT
Intel® Xeon® Platinum 8180 Processor

A LEAP FORWARD FOR YOUR DATA CENTER

At Intel®, we know the future because we're building it. To ensure your business is ready for the digital transformation of the future, upgrade your data center with the new Intel® Xeon® Scalable processors.

Learn more:
www.intel.com/XeonScalable
www.intel.com/XeonSoftwareSolutions

These documents present performance on a specific test, in specific systems. Differences in hardware, software, or configuration will affect actual performance. Consult other sources of information to evaluate performance as you consider your purchase. For more complete information about performance and benchmark results, visit www.intel.com/performance/benchmark.

1. Configuration: EXASOL® 6.11.0 on application running the 90 version SAS Mixed Analytics workload. DC Config 7.2 kernel 3.10.0. Testing by Intel and SAS May 2017. Results: DC 2.14x faster Xeon® Processor E5-2680 v2 (2.2GHz/22 cores/30GB Intel® Optane® SSD local memory, 21GB DRAM, 128GB local memory, 1TB SATA HDD, custom CentOS 6.8 kernel 2.6.32-642.el6.x86_64) than Xeon® Processor E5-2680 v2 (2.2GHz/22 cores/30GB Intel® Optane® SSD local memory, 21GB DRAM, 128GB local memory, 1TB SATA HDD, custom CentOS 6.8 kernel 2.6.32-642.el6.x86_64).
2. Configuration: SAS 9.4 on application running the 90 version SAS Mixed Analytics workload. DC Config 7.2 kernel 3.10.0. Testing by Intel and SAS May 2017. Results: DC 2.65x faster Xeon® Processor E5-2680 v2 (2.2GHz/22 cores/30GB Intel® Optane® SSD local memory, 21GB DRAM, 128GB local memory, 1TB SATA HDD, custom CentOS 6.8 kernel 2.6.32-642.el6.x86_64) than Xeon® Processor E5-2680 v2 (2.2GHz/22 cores/30GB Intel® Optane® SSD local memory, 21GB DRAM, 128GB local memory, 1TB SATA HDD, custom CentOS 6.8 kernel 2.6.32-642.el6.x86_64).
3. Configuration: IBM® DB2® 10.5 on application running the 90 version SAS Mixed Analytics workload. DC Config 7.2 kernel 3.10.0. Testing by Intel and SAS May 2017. Results: DC 2.65x faster Xeon® Processor E5-2680 v2 (2.2GHz/22 cores/30GB Intel® Optane® SSD local memory, 21GB DRAM, 128GB local memory, 1TB SATA HDD, custom CentOS 6.8 kernel 2.6.32-642.el6.x86_64) than Xeon® Processor E5-2680 v2 (2.2GHz/22 cores/30GB Intel® Optane® SSD local memory, 21GB DRAM, 128GB local memory, 1TB SATA HDD, custom CentOS 6.8 kernel 2.6.32-642.el6.x86_64).
* Other names and brands may be claimed as the property of others.