



News Fact Sheet

Intel Xeon Processor E5-2600 Product Family: Record-Breaking Performance

March 6, 2012 — The Intel® Xeon® processor E5-2600 product family features impressive benchmark performance with more than 15 world records¹. These new server processors deliver the best combination of performance, energy efficiency, built-in capabilities, and cost-effectiveness. From virtualization and cloud computing to design automation or real-time financial transactions, the Intel® Xeon® processor E5-2600 product family is designed to be at the heart of today's data center.

Performance Highlights:

Cisco

Segment - Benchmark	Platform / Sockets (S)	Software Details	E5-2600 Absolute Result+ (relative gain over 2-socket Intel® Xeon® processor 5600 series†)	Importance
General Purpose Computing - SPECint*_rate_base2006	UCS C220 M3*	Red Hat*; Enterprise Linux Server Release 6.2 with Intel® Compiler 12.1	671 base score (+59%)	Top 2-socket result
General Purpose Computing - SPECjbb*2005	UCS C220 M3*	Microsoft Windows* Server R2 2008; Enterprise Edition x64 with Java HotSpot* 64-bit Server VM, version 1.6.0_29	1,584,567 SPECjbb*2005 BOPS (+62%)	Top 2-socket result
Virtualized Data Center - VMmark* 2.1	UCS B200 M3*	VMware ESX* 4.1 U2	10.88 @ 10 tiles (+43%)	Top 2-socket result
Oracle E-Business* Suite 12.1.2 - Extra-Large Payroll (Batch) Benchmark	UCS B200 M3*	Oracle* Enterprise Linux version 5.5	746,268 Employees/Hour	Top 2-socket result

Dell

Segment - Benchmark	Platform / Sockets (S)	Software Details	Result (relative gain over 2-socket Intel® Xeon® processor 5600 series†)	Importance
High Performance Computing - SPECint*_rate_base2001	PowerEdge T620*	SUSE* Linux Enterprise Server 11 SP2 x86_64 GMC3	525,122 (+86%) (estimated)	Top 2-socket result
High Performance Computing - SPECint*_rate_base2001	PowerEdge T620*	SUSE* Linux Enterprise Server 11 SP2 x86_64 GMC3	92,631 (+75%) (estimated)	Top 2-socket result

Fujitsu

Segment - Benchmark	Platform / Sockets (S)	Software Details	Result (relative gain over 2-socket Intel® Xeon® processor 5600 series†)	Importance
General Purpose Computing – SPECint*_base2006	PRIMERGY RX300 S7*	Red Hat* Enterprise Linux Server release 6.2	56.3 (+19%)	Top 2-socket result
General Purpose Computing – SPECfp*_base2006	CELSIUS R920*	Red Hat* Enterprise Linux Server release 6.1	87.9 (+40%)	Top 2-socket result
General Purpose Computing – SPECfp*_rate_base2006	PRIMERGY RX350 S7*	Red Hat* Enterprise Linux Server release 6.2	495 (+83%)	Top 2-socket x86 result
Energy Efficiency – SAP Server Power Benchmark (2-Tier)	PRIMERGY RX300 S7*	Microsoft Windows* Server 2008 R2 Enterprise Edition with Microsoft SQL* Server 2008	10.5 watts/kSAPS (+74%)	World Record
Energy Efficiency – SPECpower_ssj*2008 (single-node)	PRIMERGY RX300 S7*	Microsoft Windows* Server 2008 R2 Enterprise Edition with Oracle Java HotSpot* 64-bit server VM, version 1.6.0_30	5,032 overall ssj*_ops/watt (+51%)	World Record

IBM

Segment - Benchmark	Platform / Sockets (S)	Software Details	Result (relative gain over 2-socket Intel® Xeon® processor 5600 series†)	Importance
Virtualized Data Center – SPECvirt_sc*2010	System x3650 M4*	Red Hat* Enterprise Linux Server release 6.2	2,158 @132 VMs (+58%)	Top 2-socket result
Enterprise Resource Planning – SAP* SD 2-Tier	System x3650 M4*	Microsoft Windows* Server 2008 R2 Enterprise Edition with IBM DB2* version 9.7	7,855 users (+50%)	Top 2-processor result on Windows*
Database – TPC Benchmark* E	IBM System x3650 M4*	Microsoft Windows* Server 2008 R2 Enterprise Edition SP1 with Microsoft SQL* Server 2012	1,863.23 tpsE (+45%)	Top 2-socket result

Oracle

Segment - Benchmark	Platform / Sockets (S)	Software Details	Result (relative gain over 2-socket Intel® Xeon® processor 5600 series†)	Importance
Application Server – SPECjEnterprise*2010	Sun Fire X4170 M3*	Oracle* Linux 5 Update 7 with Java HotSpot* 64 Bit Server VM, version 1.7.0_02	8,310.19 SPECjEnterprise*2010 EjOPS (+53%)	Top 2-socket result

About Intel

Intel (NASDAQ: INTC) is a world leader in computing innovation. The company designs and builds the essential technologies that serve as the foundation for the world's computing devices. Additional information about Intel is available at newsroom.intel.com and blogs.intel.com.

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For more information on configurations go to: <http://www.intel.com/content/www/us/en/benchmarks/server/xeon-e5-2600-summary.html>

1 (Generational Performance) Source: Performance comparison using best submitted/published 2-socket server results on the SPECfp*_rate_base2006 benchmark as of 6 March 2012. Baseline score of 271 published by Itaotec on the Servidor Itaotec MX203* and Servidor Itaotec MX223* platforms based on the prior generation Intel® Xeon® processor X5690. New score of 492 submitted for publication by Dell on the PowerEdge T620 platform and Fujitsu on the PRIMERGY RX300 S7* platform based on the Intel® Xeon® processor E5-2690. For additional details, please visit <http://www.spec.org>.

Software and workloads used in performance tests may have been optimized for performance only on Intel microprocessors. Performance tests, such as SYSmark and MobileMark, are measured using specific computer systems, components, software, operations and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products.

Relative performance for each benchmark is calculated by taking the actual benchmark result for the first platform tested and assigning it a value of 1.0 as a baseline. Relative performance for the remaining platforms tested was calculated by dividing the actual benchmark result for the baseline platform into each of the specific benchmark results of each of the other platforms and assigning them a relative performance number that correlates with the performance improvements reported.

Intel® Enhanced Intel SpeedStep® Technology: See the Processor Spec Finder at <http://ark.intel.com> or contact your Intel representative for more information.

Intel® Turbo Boost Technology Requires a system with Intel® Turbo Boost Technology. Intel Turbo Boost Technology and Intel Turbo Boost Technology 2.0 are only available on select Intel® processors. Consult your PC manufacturer. Performance varies depending on hardware, software, and system configuration. For more information, visit <http://www.intel.com/go/turbo>

Intel®Hyper-Threading Technology requires a computer system with a processor supporting HT Technology and an HT Technology-enabled chipset, BIOS and operating system. Performance will vary depending on the specific hardware and software used. For more information including details on which processors support HT Technology, visit <http://www.intel.com/info/hyperthreading>.

Intel processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families: Go to: http://www.intel.com/products/processor_number

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Intel® AES-NI requires a computer system with an AES-NI enabled processor, as well as non-Intel software to execute the instructions in the correct sequence. AES-NI is available on select Intel® processors. For availability, consult your reseller or system manufacturer. **For more information, see** <http://software.intel.com/en-us/articles/intel-advanced-encryption-standard-instructions-aes-ni/>

Intel® Virtualization Technology requires a computer system with an enabled Intel® processor, BIOS, and virtual machine monitor (VMM). Functionality, performance or other benefits will vary depending on hardware and software configurations. Software applications may not be compatible with all operating systems. Consult your PC manufacturer. For more information, visit <http://www.intel.com/go/virtualization>

SPEC* and the benchmark names SPECint*, SPECfp*, SPECjbb*, SPECjEnterprise*, SPECvirt_sc*, SPECpower_ssj*, SPECCompM*, and SPECCompL* are registered trademarks of the Standard Performance Evaluation Corporation.

Configuration Details for **SPECint*_rate_base2006**

Best publications submitted to SPEC as of March 6, 2012. Publications may still be under review and not yet posted to <http://www.spec.org>.

	Intel® Xeon® Processor X5690-Based Platform	Intel® Xeon® Processor E5-2690-Based Platform
System	HP ProLiant DL380 G7*	Cisco UCS C220 M3*
Number of processors	2	2
Number of cores / threads	6/12 per processor	8/16 per processor
Processor speed	3.46 GHz	2.9 GHz
Last level cache	12 MB	20 MB
Platform manufacturer	Hewlett-Packard*	Cisco*
System memory	48 GB	128 GB
Link speed	6.4 GT/s QPI	8.0 GT/s QPI
Operating system	Red Hat* Enterprise Linux Server release 6.1	Red Hat* Enterprise Linux Server release 6.2
Source	http://www.spec.org/cpu2006/results/res2011q4/cpu2006-20111121-18997.html	Submitted to SPEC* for review/publication as of 6 March 2012. Please see http://www.cisco.com/en/US/prod/collateral/ps10265/cisco_ucs_c220m3_specint_rate.pdf for additional details.

Configuration Details for SPECjbb*2005

Best publications submitted to SPEC as of March 6, 2012. Publications may still be under review and not yet posted to <http://www.spec.org>.

	Intel® Xeon® Processor X5690-Based Platform	Intel® Xeon® Processor E5-2690-Based Platform
System	Sun Blade X6270 M2*	Cisco UCS C220 M3*
Number of processors	2	2
Number of cores / threads	6/12 per processor	8/16 per processor
Processor speed	3.46 GHz	2.9 GHz
Last level cache	12 MB	20 MB
Platform manufacturer	Oracle*	Cisco*
System memory	48 GB	128 GB
Link speed	6.4 GT/s QPI	8.0 GT/s QPI
Operating system	Microsoft Windows* Server R2 2008 Enterprise Edition x64	Microsoft Windows* Server R2 2008 Enterprise Edition x64
JVM Version	Java HotSpot* 64-Bit Server VM on Windows, version 1.6.0_25	Java HotSpot* 64-Bit Server VM on Windows, version 1.6.0_29
Source	http://www.spec.org/osg/jbb2005/results/res2011q1/jbb2005-20110215-00950.html	Submitted to SPEC* for review/publication as of 6 March 2012. Please see http://www.cisco.com/en/US/prod/collateral/ps10265/cisco_ucs_c220m3_specjbb2005.pdf for additional details.

Configuration Details for VMmark* v2.1

Best publications to <http://www.vmware.com/a/vmmark/> as of March 6, 2012.

	Intel® Xeon® Processor X5690-Based Platform	Intel® Xeon® Processor E5-2690-Based Platform
System	Fujitsu PRIMERGY RX300 S6*	Cisco UCS B200 M3*
Number of processors	2	2
Number of cores / threads	6/12 per processor	8/16 per processor
Processor speed	3.46 GHz	2.9 GHz
Last level cache	12 MB	20 MB
Platform manufacturer	Fujitsu*	Cisco*
System memory	96 GB	128 GB per node
Link speed	6.4 GT/s QPI	8.0 GT/s QPI
Operating system	Microsoft Windows* Server 2003 R2 Enterprise Edition	Microsoft Windows* Server 2008 R2 Enterprise Edition
Hypervisor	VMware ESX* 4.1	VMware ESX* 4.1 U2
Source	http://www.vmware.com/a/assets/vmmark/pdf/2011-10-18-Fujitsu-RX300S6.pdf	http://www.cisco.com/en/US/prod/collateral/ps10265/vmmark_2_1_2_benchmark_disclosure.pdf

Configuration Details for **Oracle E-Business* Suite 12.1.2: Extra-Large Payroll (Batch) Benchmark**

Best publications to <http://www.oracle.com> as of March 6, 2012.

	Intel® Xeon® Processor E5-2690-Based Platform
System	Cisco UCS B200 M3*
Number of processors	2
Number of cores / threads	8/16 per processor
Processor speed	2.9 GHz
Last level cache	20 MB
Platform manufacturer	Cisco*
System memory	128 GB
Link speed	8.0 GT/s QPI
Operating system	Oracle* Enterprise Linux version 5.5
Source	http://www.oracle.com/us/solutions/benchmark/apps-benchmark/results-166922.html

Configuration Details for OpenMP* Performance using **SPECompL*_base2001**

Published estimates as of 6 March 2012.

Intel® Xeon® processor E5-2690 based platform details:

Dell* PowerEdge* T620 platform with two Intel Xeon processor E5-2690 (2.9GHz, 20MB L3, 8.0 GT/s, 8-core, 135W TDP), Turbo Enabled, HT Enabled, 128GB (16x8GB DDR3-1600 registered ECC), 2x250GB/7.2K SATA RAID0 Drive, SUSE Linux 11 SP2 x86_64 GMC3, kernel 3.0.13-027. SPEC binaries were built with Intel C/C++ Compiler 12.0.5.2011719. SPECompL*_base2001 score of 525,122 on Intel® Xeon® processor E5-2690 server was obtained using 32 OpenMP threads over two sockets. Refer to http://i.dell.com/sites/content/shared-content/data-sheets/en/Documents/T620_OMPL2001.pdf for more information.

Intel® Xeon® processor X5690 based platform details:

Cisco UCS B200 M2* platform with two Intel Xeon processors X5690 (3.46 GHz, 12MB L3, 6.4 GT/s, 6-core, 130W TDP), Turbo Enabled, HT Enabled, 48 GB (12x4GB DDR3-1333 registered ECC), 1x300GB Seagate* HDD, SUSE Enterprise Linux 11.0, SPEC binaries were built with Intel® C Compiler 11.1. Submitted to <http://www.spec.org> for publication at SPECompL*_base2001 score of 282,771. SPECompL* results on Intel® Xeon® processor 5600 series-based server were obtained using 24 OpenMP threads over two sockets.

Configuration Details for OpenMP* Performance using **SPECompM*_base2001**

Published estimates as of 6 March 2012.

Intel® Xeon® processor E5-2690 based platform details:

Dell* PowerEdge* T620 platform with two Intel Xeon processor E5-2690 (2.9GHz, 20MB L3, 8.0 GT/s, 8-core, 135W TDP), Turbo Enabled, HT Enabled, 128GB (16x8GB DDR3-1600 registered ECC), 2x250GB/7.2K SATA RAID0 Drive, SUSE Linux 11 SP2 x86_64 GMC3, kernel 3.0.13-027. SPEC binaries were built with Intel C/C++ Compiler 12.0.5.2011719. SPECompM*_base2001 score of 92,631 on Intel® Xeon® processor E5-2690 server was obtained using 32 OpenMP threads over two sockets. Refer to http://i.dell.com/sites/content/shared-content/data-sheets/en/Documents/T620_OMPM2001.pdf for more information.

Intel® Xeon® processor X5690 based platform details:

Cisco UCS B200 M2* platform with two Intel Xeon processors X5690 (3.46 GHz, 12MB L3, 6.4 GT/s, 6-core, 130W TDP), Turbo Enabled, HT Enabled, 48 GB (12x4GB DDR3-1333 registered ECC), 1x300GB Seagate* HDD, SUSE Enterprise Linux 11.0, SPEC binaries were built with Intel® C Compiler 11.1. Submitted to www.spec.org for publication at SPECompM*_base2001 score of 52,986. SPECompM* results on Intel® Xeon® processor 5600 series-based server were obtained using 24 OpenMP threads over two sockets.

Configuration Details for **SPECint*_base2006**

Best publications submitted to SPEC as of March 6, 2012. Publications may still be under review and not yet posted to <http://www.spec.org>.

	Intel® Xeon® Processor X5690-Based Platform	Intel® Xeon® Processor E5-2690-Based Platform
System	Dell PowerEdge R610*	Fujitsu PRIMERGY RX300 S7*
Number of processors	2	2
Number of cores / threads	6/12 per processor	8/16 per processor
Processor speed	3.46 GHz	2.9 GHz
Last level cache	12 MB	20 MB
Platform manufacturer	Dell*	Fujitsu*
System memory	96 GB	128 GB
Link speed	6.4 GT/s QPI	8.0 GT/s QPI
Operating system	Red Hat* Enterprise Linux Server release 6.1	Red Hat* Enterprise Linux Server release 6.2
Source	http://www.spec.org/cpu2006/results/res2012q1/cpu2006-20111219-19263.html	Submitted to SPEC* for review/publication as of 6 March 2012. Please see http://docs.ts.fujitsu.com/dl.aspx?id=9cec2dcc-e83f-4bed-85f2-79af1f9cc5ae for additional details.

Configuration Details for **SPECfp*_base2006**

Best publications submitted to SPEC as of March 6, 2012. Publications may still be under review and not yet posted to <http://www.spec.org>.

	Intel® Xeon® Processor X5690-Based Platform	Intel® Xeon® Processor E5-2690-Based Platform
System	SGI Rackable* C2005-TY3	Fujitsu CELSIUS R920*
Number of processors	2	2
Number of cores / threads	4/8 per processor	8/16 per processor
Processor speed	3.60 GHz	2.9 GHz
Last level cache	12 MB	20 MB
Platform manufacturer	SGI*	Fujitsu*
System memory	48 GB	64 GB
Link speed	6.4 GT/s QPI	8.0 GT/s QPI
Operating system	SUSE* Linux Enterprise Server 11 SP1	Red Hat* Enterprise Linux Server release 6.1
Source	http://www.spec.org/cpu2006/results/res2011q3/cpu2006-20110824-18452.html	http://docs.ts.fujitsu.com/dl.aspx?id=08ff05da-91da-4515-b5b8-17eb79eee1e9

Configuration Details for **SPECfp*_rate_base2006**

Best publications submitted to SPEC as of March 6, 2012. Publications may still be under review and not yet posted to <http://www.spec.org>.

	Intel® Xeon® Processor X5690-Based Platform	Intel® Xeon® Processor E5-2690-Based Platform
System	Servidor Itautec MX203*	Fujitsu PRIMERGY RX300 S7*
Number of processors	2	2
Number of cores / threads	6/12 per processor	8/16 per processor
Processor speed	3.46 GHz	2.9 GHz
Last level cache	12 MB	20 MB
Platform manufacturer	Itautec*	Fujitsu*
System memory	48 GB	128 GB
Link speed	6.4 GT/s QPI	8.0 GT/s QPI
Operating system	SUSE* Linux Enterprise Server 11 SP1	Red Hat* Enterprise Linux Server Release 6.2
Source	http://www.spec.org/cpu2006/results/res2012q1/cpu2006-20111219-19195.html	Submitted to SPEC* for review/publication as of 6 March 2012. Please see http://docs.ts.fujitsu.com/dl.aspx?id=3ebb6ef4-8b13-4c5f-962a-a7c48f1e00dd for additional details.

Configuration Details for **SPECpower_ssj*2008 (single node)**

Best publications submitted to SPEC as of March 6, 2012. Publications may still be under review and not yet posted to <http://www.spec.org>.

	Intel® Xeon® Processor X5675-Based Platform	Intel® Xeon® Processor E5-2660-Based Platform
System	HP ProLiant DL360 G7*	Fujitsu PRIMERGY RX300 S7*
Number of processors	2	2
Number of cores / threads	6/12 per processor	8/16 per processor
Processor speed	3.06 GHz	2.2 GHz
Last level cache	12 MB	20 MB
Platform manufacturer	Hewlett-Packard*	Fujitsu*
System memory	16 GB	32 GB
Link speed	6.4 GT/s QPI	8.0 GT/s QPI
Intel® Turbo Boost Technology	Disabled	Enabled
Operating system	Microsoft Windows* 2008 X64 Enterprise Edition	Microsoft Windows* Server 2008 R2 Enterprise SP1
Source	http://www.spec.org/power_ssj2008/results/res2011q4/power_ssj2008-20110713-00386.html	Submitted to SPEC* for review/publication as of 6 March 2012. Please see http://ts.fujitsu.com/rl/products/SPECpower_ssj2008_RX300S7_E5-2660_2P/ssj.0004-main.html for additional details.

Configuration Details for **SAP* Server Power Benchmark (2-Tier)**

Best publications to http://www.sap.com/solutions/benchmark/Power_Benchmark_results.htm as of March 6, 2012.

	Intel® Xeon® Processor X5675-Based Platform	Intel® Xeon® Processor E5-2660-Based Platform
System	Fujitsu PRIMERGY RX300 S6*	Fujitsu PRIMERGY RX300 S7*
Number of processors	2	2
Number of cores / threads	6/12 per processor	8/16 per processor
Processor speed	3.06 GHz	2.2 GHz
Last level cache	12 MB	20 MB
Platform manufacturer	Fujitsu*	Fujitsu
System memory	72 GB	128 GB
Link speed	6.4 GT/s QPI	8.0 GT/s QPI
Operating system	Microsoft Windows* 2008 R2 Datacenter Edition	Microsoft Windows* 2008 R2 Enterprise Edition
Source	http://www.sap.com/solutions/benchmark/pdf/Cert2011008.pdf	http://www.sap.com/solutions/benchmark/Power_Benchmark_results.htm

Configuration Details for **SPECvirt_sc*2010**

Best publications to <http://www.spec.org> of March 6, 2012.

	Intel® Xeon® Processor X5690-Based Platform	Intel® Xeon® Processor E5-2690-Based Platform
System	IBM BladeCenter HS22V*	IBM System x3650 M4*
Number of processors	2	2
Number of cores / threads	6/12 per processor	8/16 per processor
Processor speed	3.46 GHz	2.9 GHz
Last level cache	12 MB	20 MB
Platform manufacturer	IBM* Corporation	IBM* Corporation
System memory	288 GB	512 GB
Link speed	6.4 GT/s QPI	8.0 GT/s QPI
Operating system	Red Hat* Enterprise Linux Server release 6.0	Red Hat* Enterprise Linux Server release 6.2
Source	http://www.spec.org/virt_sc2010/results/res2011q1/virt_sc2010-20110209-00022-perf.html	http://www.spec.org/virt_sc2010/results/res2012q1/virt_sc2010-20120207-00042-perf.html

Configuration Details for **SAP-SD* 2T**

Best publications to <http://www.sap.com> as of March 6, 2012.

	Intel® Xeon® Processor X5690-Based Platform	Intel® Xeon® Processor E5-2690-Based Platform
System	HP ProLiant DL380 G7*	IBM System x3650 M4*
Number of processors	2	2
Number of cores / threads	6/12 per processor	8/16 per processor
Processor speed	3.46 GHz	2.9 GHz
Last level cache	12 MB	20 MB
Platform manufacturer	Hewlett-Packard*	IBM*
System memory	96 GB	128 GB
Link speed	6.4 GT/s QPI	8.0 GT/s QPI
Operating system	Microsoft Windows* Server 2008 R2 Enterprise Edition	Microsoft Windows* Server 2008 R2 Enterprise Edition
Database Software	Microsoft SQL* Server 2008	IBM DB2* version 9.7
Source	http://download.sap.com/download.epd?context=40E2D9D5E00EEF7C227C4B299992CE278ECED5166ED278FF20DF78759DC5B1E5FE79	http://download.sap.com/download.epd?context=40E2D9D5E00EEF7C227C785E8BBF1D26CF4C01F86BF0D4891A723472B91D550F

Configuration Details for **TPC Benchmark* E**

Best publications to <http://www.tpc.org> as of March 6, 2012.

	Intel® Xeon® Processor X5690-Based Platform	Intel® Xeon® Processor E5-2690-Based Platform
System	HP ProLiant DL380 G7*	IBM System x3650 M4*

Number of processors	2	2
Number of cores / threads	6/12 per processor	8/16 per processor
Processor speed	3.46 GHz	2.9 GHz
Last level cache	12 MB	20 MB
Platform manufacturer	Hewlett-Packard*	IBM*
System memory	192 GB	512 GB
Link speed	6.4 GT/s QPI	8.0 GT/s QPI
Operating system	Microsoft Windows* Server 2008 R2 Enterprise Edition	Microsoft Windows* Server 2008 R2 Enterprise Edition
Source	http://c970058.r58.cf2.rackcdn.com/fdr/tpce/HP.DL380G7.TPCE.110504.01.FDR.pdf	http://www.tpc.org/tpce/results/tpce_result_detail.asp?id=112030601

Configuration Details for **SPECjEnterprise*2010**

Best publications to <http://www.spec.org> as of March 6, 2012.

	Intel® Xeon® Processor X5690-Based Platform	Intel® Xeon® Processor E5-2690-Based Platform
System	Sun Blade X6270 M2*	Sun Fire X4170 M3*
Number of processors	2	2
Number of cores / threads	6/12 per processor	8/16 per processor
Processor speed	3.46 GHz	2.9 GHz
Last level cache	12 MB	20 MB
Platform manufacturer	Oracle*	Oracle*
System memory	48 GB	128 GB
Link speed	6.4 GT/s QPI	8.0 GT/s QPI
Operating system	Oracle* Linux 5 Update 6	Oracle* Linux 5 Update 7
JVM	Java HotSpot* 64-Bit Server VM on Linux, version 1.6.0_26	Java HotSpot* 64-Bit Server VM on Linux, version 1.7.0_02
Source	http://www.spec.org/jEnterprise2010/results/res2011q3/jEnterprise2010-20110727-00023.html	http://www.spec.org/jEnterprise2010/results/jEnterprise2010.html