



SPEC® CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Fujitsu Siemens Computers

PRIMERGY RX300 S3, Intel Xeon processor X5355,
2.66 GHz

SPECint®_rate2006 = 84.8

SPECint_rate_base2006 = 81.0

CPU2006 license: 22

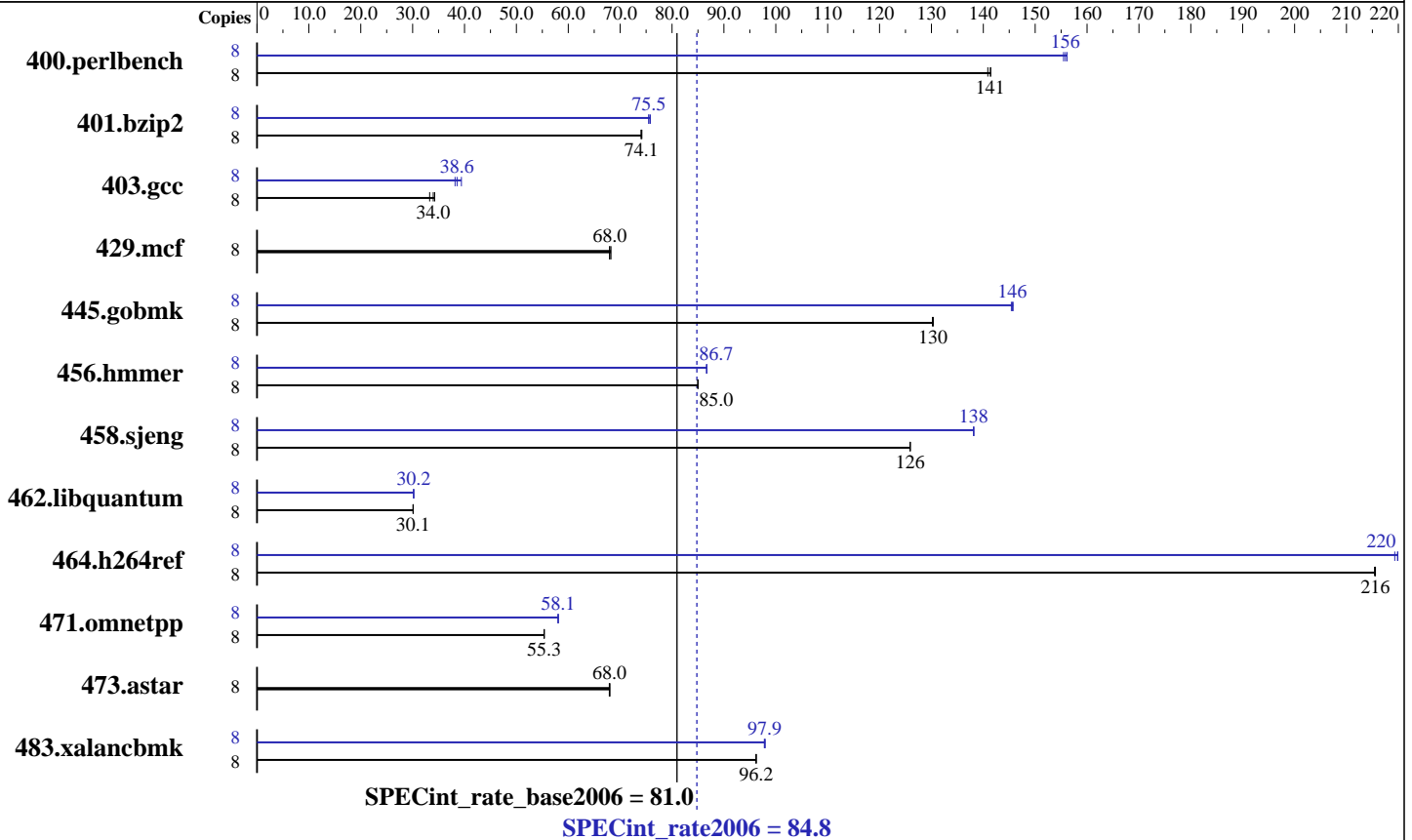
Test sponsor: Fujitsu Siemens Computers

Tested by: Fujitsu Siemens Computers

Test date: Feb-2007

Hardware Availability: Jan-2007

Software Availability: Nov-2006



Hardware

CPU Name: Intel Xeon X5355
 CPU Characteristics: X5355
 CPU MHz: 2667
 FPU: Integrated
 CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip
 CPU(s) orderable: 1,2 chips
 Primary Cache: 32 KB I + 32 KB D on chip per core
 Secondary Cache: 8 MB I+D on chip per chip, 4 MB shared / 2 cores
 L3 Cache: None
 Other Cache: None
 Memory: 16 GB (8x2 GB DDR2 PC2-5300F, 2 rank, CAS 5-5-5, with ECC)
 Disk Subsystem: SAS (73GB 15400 rpm)
 Other Hardware: None

Software

Operating System: Windows Server 2003 x64 Enterprise Edition + SP1 (64-bit)
 Compiler: Intel C++ Compiler for IA32 version 9.1
 - Build 20061103Z, Package-ID W_CC_C_9.1.033
 Microsoft Visual Studio 2005 (lib. & linker)
 Auto Parallel: No
 File System: NTFS
 System State: Default
 Base Pointers: 32-bit
 Peak Pointers: 32-bit
 Other Software: Smart Heap Library, Version 8



SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Fujitsu Siemens Computers

PRIMERGY RX300 S3, Intel Xeon processor X5355,
2.66 GHz

SPECint_rate2006 = 84.8

SPECint_rate_base2006 = 81.0

CPU2006 license: 22

Test sponsor: Fujitsu Siemens Computers

Tested by: Fujitsu Siemens Computers

Test date: Feb-2007

Hardware Availability: Jan-2007

Software Availability: Nov-2006

Results Table

Benchmark	Base						Peak							
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	8	555	141	<u>553</u>	<u>141</u>	553	141	8	503	155	<u>502</u>	<u>156</u>	501	156
401.bzip2	8	1041	74.2	1043	74.0	<u>1042</u>	<u>74.1</u>	8	<u>1022</u>	<u>75.5</u>	1022	75.5	1018	75.8
403.gcc	8	1935	33.3	1880	34.2	<u>1896</u>	<u>34.0</u>	8	<u>1670</u>	<u>38.6</u>	1687	38.2	1635	39.4
429.mcf	8	1074	68.0	<u>1073</u>	<u>68.0</u>	1069	68.2	8	1074	68.0	<u>1073</u>	<u>68.0</u>	1069	68.2
445.gobmk	8	<u>644</u>	<u>130</u>	645	130	644	130	8	577	145	<u>576</u>	<u>146</u>	576	146
456.hammer	8	879	85.0	<u>878</u>	<u>85.0</u>	878	85.0	8	<u>861</u>	<u>86.7</u>	861	86.7	861	86.7
458.sjeng	8	769	126	<u>769</u>	<u>126</u>	769	126	8	701	138	701	138	<u>701</u>	<u>138</u>
462.libquantum	8	<u>5508</u>	<u>30.1</u>	5510	30.1	5507	30.1	8	5491	30.2	<u>5489</u>	<u>30.2</u>	5488	30.2
464.h264ref	8	<u>821</u>	<u>216</u>	821	216	822	215	8	<u>805</u>	<u>220</u>	807	219	805	220
471.omnetpp	8	903	55.4	<u>904</u>	<u>55.3</u>	904	55.3	8	862	58.0	<u>861</u>	<u>58.1</u>	861	58.1
473.astar	8	827	67.9	<u>826</u>	<u>68.0</u>	826	68.0	8	827	67.9	<u>826</u>	<u>68.0</u>	826	68.0
483.xalancbmk	8	574	96.2	<u>574</u>	<u>96.2</u>	574	96.2	8	564	98.0	564	97.8	<u>564</u>	<u>97.9</u>

Results appear in the order in which they were run. Bold underlined text indicates a median measurement.

General Notes

The PRIMERGY RX300 S3 and the PRIMERGY TX300 S3 are electronically equivalent.

The system bus runs at 1333 MHz

BIOS configuration:

Hardware Prefetch = Disable, Adjacent Sector Prefetch = Disable

For information about Fujitsu Siemens Computers in your country please see:
<http://www.fujitsu-siemens.com/countries>

Base Compiler Invocation

C benchmarks:
icl -Qvc8 -Qc99

C++ benchmarks:
icl -Qvc8

Base Portability Flags

400.perlbench: -DSPEC_CPU_NO_NEED_VA_COPY
403.gcc: -DSPEC_CPU_WIN32

Continued on next page



SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Fujitsu Siemens Computers

PRIMERGY RX300 S3, Intel Xeon processor X5355,
2.66 GHz

SPECint_rate2006 = 84.8

SPECint_rate_base2006 = 81.0

CPU2006 license: 22

Test sponsor: Fujitsu Siemens Computers

Tested by: Fujitsu Siemens Computers

Test date: Feb-2007

Hardware Availability: Jan-2007

Software Availability: Nov-2006

Base Portability Flags (Continued)

464.h264ref: -DWIN32 -DSPEC_CPU_NO_INTTYPES
483.xalanbmk: -Qoption,cpp,--no_wchar_t_keyword

Base Optimization Flags

C benchmarks:

-fast -F512000000 shlW32M.lib -link -FORCE:MULTIPLE

C++ benchmarks:

-fast -Qcxx-features -F512000000 shlW32M.lib -link -FORCE:MULTIPLE

Base Other Flags

C benchmarks:

403.gcc: -Dalloca=_alloca

Peak Compiler Invocation

C benchmarks:

icl -Qvc8 -Qc99

C++ benchmarks:

icl -Qvc8

Peak Portability Flags

400.perlbench: -DSPEC_CPU_NO_NEED_VA_COPY
403.gcc: -DSPEC_CPU_WIN32
464.h264ref: -DWIN32 -DSPEC_CPU_NO_INTTYPES
483.xalanbmk: -Qoption,cpp,--no_wchar_t_keyword

Peak Optimization Flags

C benchmarks:

400.perlbench: -Qprof_gen(pass 1) -Qprof_use(pass 2) -fast -F512000000
shlW32M.lib -link -FORCE:MULTIPLE

Continued on next page



SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Fujitsu Siemens Computers

PRIMERGY RX300 S3, Intel Xeon processor X5355,
2.66 GHz

SPECint_rate2006 = 84.8

SPECint_rate_base2006 = 81.0

CPU2006 license: 22

Test sponsor: Fujitsu Siemens Computers

Tested by: Fujitsu Siemens Computers

Test date: Feb-2007

Hardware Availability: Jan-2007

Software Availability: Nov-2006

Peak Optimization Flags (Continued)

401.bzip2: Same as 400.perlbench

403.gcc: -Qprof_gen(pass 1) -Qprof_use(pass 2) -fast -F512000000
-link -FORCE:MULTIPLE

429.mcf: basepeak = yes

445.gobmk: Same as 400.perlbench

456.hmmer: Same as 400.perlbench

458.sjeng: Same as 400.perlbench

462.libquantum: Same as 400.perlbench

464.h264ref: Same as 400.perlbench

C++ benchmarks:

471.omnetpp: -Qprof_gen(pass 1) -Qprof_use(pass 2) -fast -Qcxx-features
-F512000000 shlw32M.lib -link -FORCE:MULTIPLE

473.astar: basepeak = yes

483.xalancbmk: Same as 471.omnetpp

Peak Other Flags

C benchmarks:

403.gcc: -Dalloca=_alloca

The flags file that was used to format this result can be browsed at

http://www.spec.org/cpu2006/flags/CPU2006_flags.20090715.09.html

You can also download the XML flags source by saving the following link:

http://www.spec.org/cpu2006/flags/CPU2006_flags.20090715.09.xml



SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Fujitsu Siemens Computers

PRIMERGY RX300 S3, Intel Xeon processor X5355,
2.66 GHz

SPECint_rate2006 = 84.8

SPECint_rate_base2006 = 81.0

CPU2006 license: 22

Test sponsor: Fujitsu Siemens Computers

Tested by: Fujitsu Siemens Computers

Test date: Feb-2007

Hardware Availability: Jan-2007

Software Availability: Nov-2006

SPEC and SPECint are registered trademarks of the Standard Performance Evaluation Corporation. All other brand and product names appearing in this result are trademarks or registered trademarks of their respective holders.

For questions about this result, please contact the tester.
For other inquiries, please contact webmaster@spec.org.

Tested with SPEC CPU2006 v1.0.
Report generated on Tue Jul 22 10:32:16 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 7 March 2007.