



SPEC[®] CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Bull SAS

NovaScale B260 (Intel Xeon processor L5320,1.86GHz)

SPECfp[®]2006 = 9.83

SPECfp_base2006 = 9.64

CPU2006 license: 20

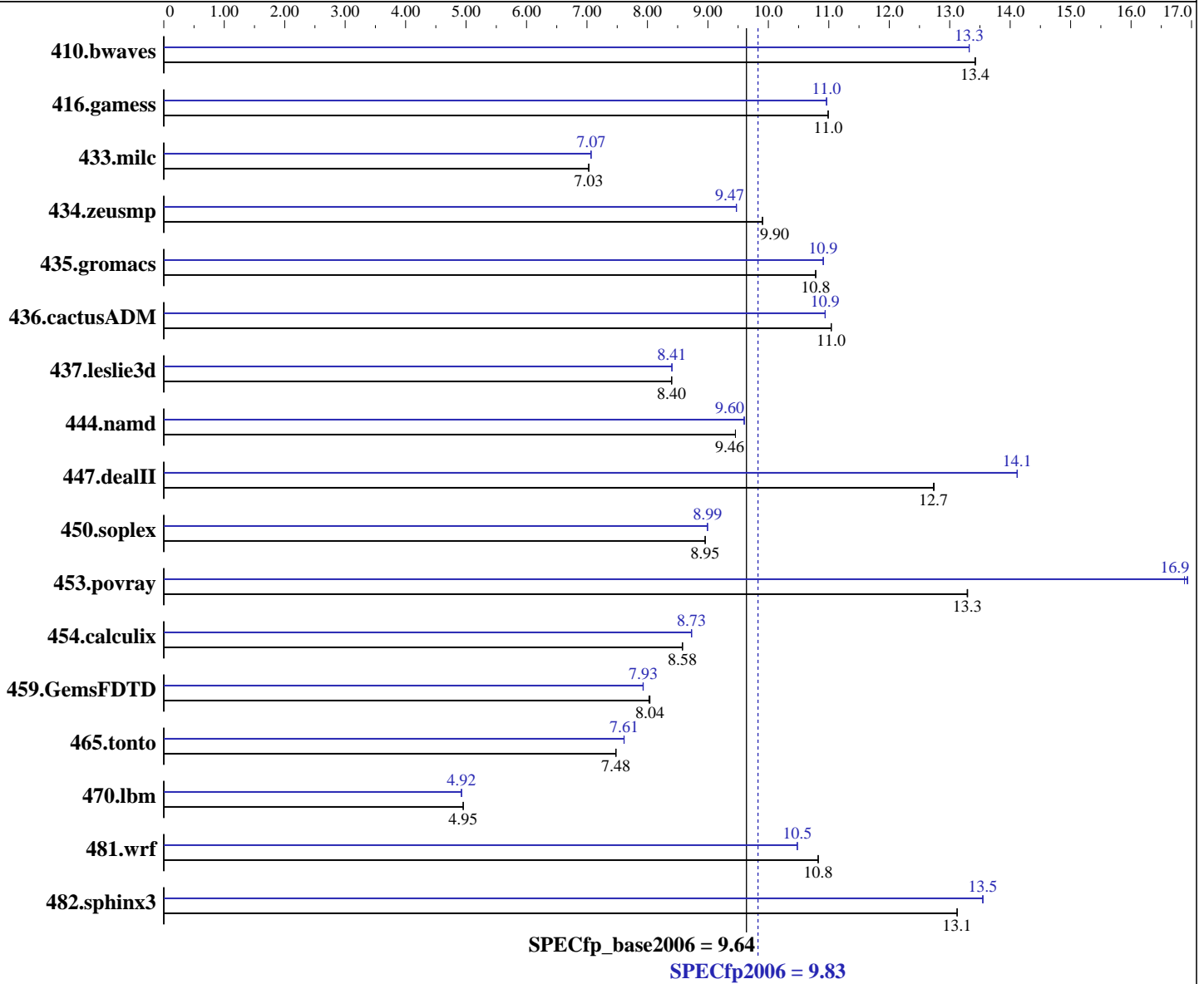
Test sponsor: Bull SAS

Tested by: Bull SAS

Test date: Mar-2007

Hardware Availability: Apr-2007

Software Availability: Dec-2006



Hardware

CPU Name: Intel Xeon L5320
 CPU Characteristics: 1.86 GHz, 8MB L2, 1066MHz bus
 CPU MHz: 1860
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 4 cores/chip
 CPU(s) orderable: 1 to 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

Continued on next page

Software

Operating System: Windows Server 2003 Enterprise Edition (32 bits) Service Pack1
 Compiler: Intel C++ Compiler for IA32 version 9.1
 Package ID W_CC_C_9.1.033 Build no 20061103Z
 Intel Fortran Compiler for IA32 version 9.1
 Package ID W_FC_C_9.1.033 Build no 20061103Z
 Microsoft Visual Studio .NET 2003 (lib & linker)
 Auto Parallel: No
 File System: NTFS
 System State: Default

Continued on next page



SPEC CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Bull SAS

NovaScale B260 (Intel Xeon processor L5320,1.86GHz)

SPECfp2006 = 9.83

SPECfp_base2006 = 9.64

CPU2006 license: 20

Test sponsor: Bull SAS

Tested by: Bull SAS

Test date: Mar-2007

Hardware Availability: Apr-2007

Software Availability: Dec-2006

L3 Cache: None
Other Cache: None
Memory: 8 GB (2GB DIMMx4, FB-DIMM PC2-5300F ECC CL5)
Disk Subsystem: 73 GB SAS, 10000RPM
Other Hardware: None

Base Pointers: 32-bit
Peak Pointers: 32-bit
Other Software: MicroQuill SmartHeap Library 8.0 (shlW32M.lib)

Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	1012	13.4	1013	13.4	1013	13.4	1020	13.3	1020	13.3	1020	13.3
416.gamess	1782	11.0	1782	11.0	1782	11.0	1786	11.0	1786	11.0	1786	11.0
433.milc	1306	7.03	1306	7.03	1306	7.03	1299	7.07	1299	7.07	1299	7.07
434.zeusmp	919	9.90	919	9.90	919	9.90	961	9.47	961	9.47	961	9.47
435.gromacs	662	10.8	662	10.8	662	10.8	655	10.9	655	10.9	655	10.9
436.cactusADM	1082	11.0	1082	11.0	1082	11.0	1092	10.9	1092	10.9	1092	10.9
437.leslie3d	1119	8.40	1119	8.40	1119	8.40	1118	8.41	1118	8.41	1118	8.40
444.namd	848	9.46	848	9.46	848	9.45	835	9.60	835	9.60	835	9.60
447.dealII	898	12.7	898	12.7	898	12.7	810	14.1	811	14.1	810	14.1
450.soplex	931	8.96	931	8.95	931	8.95	927	8.99	927	8.99	927	8.99
453.povray	400	13.3	400	13.3	400	13.3	314	16.9	314	16.9	315	16.9
454.calculix	962	8.58	962	8.58	962	8.58	945	8.73	945	8.73	945	8.73
459.GemsFDTD	1322	8.03	1320	8.04	1320	8.04	1339	7.93	1338	7.93	1338	7.93
465.tonto	1316	7.48	1316	7.48	1316	7.48	1292	7.61	1293	7.61	1292	7.61
470.lbm	2774	4.95	2774	4.95	2774	4.95	2790	4.92	2790	4.92	2790	4.92
481.wrf	1032	10.8	1032	10.8	1032	10.8	1066	10.5	1066	10.5	1066	10.5
482.sphinx3	1485	13.1	1485	13.1	1485	13.1	1439	13.5	1438	13.5	1439	13.5

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

General Notes

Other Configuration Notes
/NUMPROC=1 flag was added to boot.ini to invoke uniprocessor environment



SPEC CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Bull SAS

NovaScale B260 (Intel Xeon processor L5320,1.86GHz)

SPECfp2006 = 9.83

SPECfp_base2006 = 9.64

CPU2006 license: 20
Test sponsor: Bull SAS
Tested by: Bull SAS

Test date: Mar-2007
Hardware Availability: Apr-2007
Software Availability: Dec-2006

Base Compiler Invocation

C benchmarks:
icl -Qvc7.1 -Qc99
C++ benchmarks:
icl -Qvc7.1
Fortran benchmarks:
ifort
Benchmarks using both Fortran and C:
icl -Qvc7.1 -Qc99 ifort

Base Portability Flags

436.cactusADM: -Qlowercase /assume:underscore
444.namd: -TP
447.dealII: -DDEAL_II_MEMBER_VAR_SPECIALIZATION_BUG
-DBOOST_NO_INTRINSIC_WCHAR_T
453.povray: -DSPEC_CPU_WINDOWS_ICL
454.calculix: -DSPEC_CPU_NOZMODIFIER -Qlowercase
481.wrf: -DSPEC_CPU_WINDOWS_ICL

Base Optimization Flags

C benchmarks:
-fast /F950000000 shlw32m.lib -link /FORCE:MULTIPLE
C++ benchmarks:
-fast -Qcxx_features /F950000000 shlw32m.lib
-link /FORCE:MULTIPLE
Fortran benchmarks:
-fast /F950000000 -link /FORCE:MULTIPLE
Benchmarks using both Fortran and C:
-fast /F950000000 -link /FORCE:MULTIPLE

Peak Compiler Invocation

C benchmarks:
icl -Qvc7.1 -Qc99
C++ benchmarks:
icl -Qvc7.1

Continued on next page



SPEC CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Bull SAS

NovaScale B260 (Intel Xeon processor L5320,1.86GHz)

SPECfp2006 = 9.83

SPECfp_base2006 = 9.64

CPU2006 license: 20
Test sponsor: Bull SAS
Tested by: Bull SAS

Test date: Mar-2007
Hardware Availability: Apr-2007
Software Availability: Dec-2006

Peak Compiler Invocation (Continued)

Fortran benchmarks:
ifort

Benchmarks using both Fortran and C:
icl -Qvc7.1 -Qc99 ifort

Peak Portability Flags

436.cactusADM: -Qlowercase /assume:underscore
444.namd: -TP
447.dealII: -DDEAL_II_MEMBER_VAR_SPECIALIZATION_BUG
-DBOOST_NO_INTRINSIC_WCHAR_T
453.povray: -DSPEC_CPU_WINDOWS_ICL
454.calculix: -DSPEC_CPU_NOZMODIFIER -Qlowercase
481.wrf: -DSPEC_CPU_WINDOWS_ICL

Peak Optimization Flags

C benchmarks:
-Qprof_gen(pass 1) -Qprof_use(pass 2) -fast /F950000000 shlw32m.lib
-link /FORCE:MULTIPLE

C++ benchmarks:
-Qprof_gen(pass 1) -Qprof_use(pass 2) -fast -Qcxx_features
/F950000000 shlw32m.lib -link /FORCE:MULTIPLE

Fortran benchmarks:
-Qprof_gen(pass 1) -Qprof_use(pass 2) -fast /F950000000
-link /FORCE:MULTIPLE

Benchmarks using both Fortran and C:
-Qprof_gen(pass 1) -Qprof_use(pass 2) -fast /F950000000
-link /FORCE:MULTIPLE

The flags file that was used to format this result can be browsed at
<http://www.spec.org/cpu2006/flags/flags.20090714.00.html>

You can also download the XML flags source by saving the following link:
<http://www.spec.org/cpu2006/flags/flags.20090714.00.xml>



SPEC CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Bull SAS

NovaScale B260 (Intel Xeon processor L5320,1.86GHz)

SPECfp2006 = 9.83

SPECfp_base2006 = 9.64

CPU2006 license: 20
Test sponsor: Bull SAS
Tested by: Bull SAS

Test date: Mar-2007
Hardware Availability: Apr-2007
Software Availability: Dec-2006

SPEC and SPECfp 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 11:56:08 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 17 April 2007.