



SPEC® CINT2006 Result

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Bull SAS

NovaScale B260 (Intel Xeon processor E5335,2.00GHz)

SPECint®2006 = 13.0

SPECint_base2006 = 12.5

CPU2006 license: 20

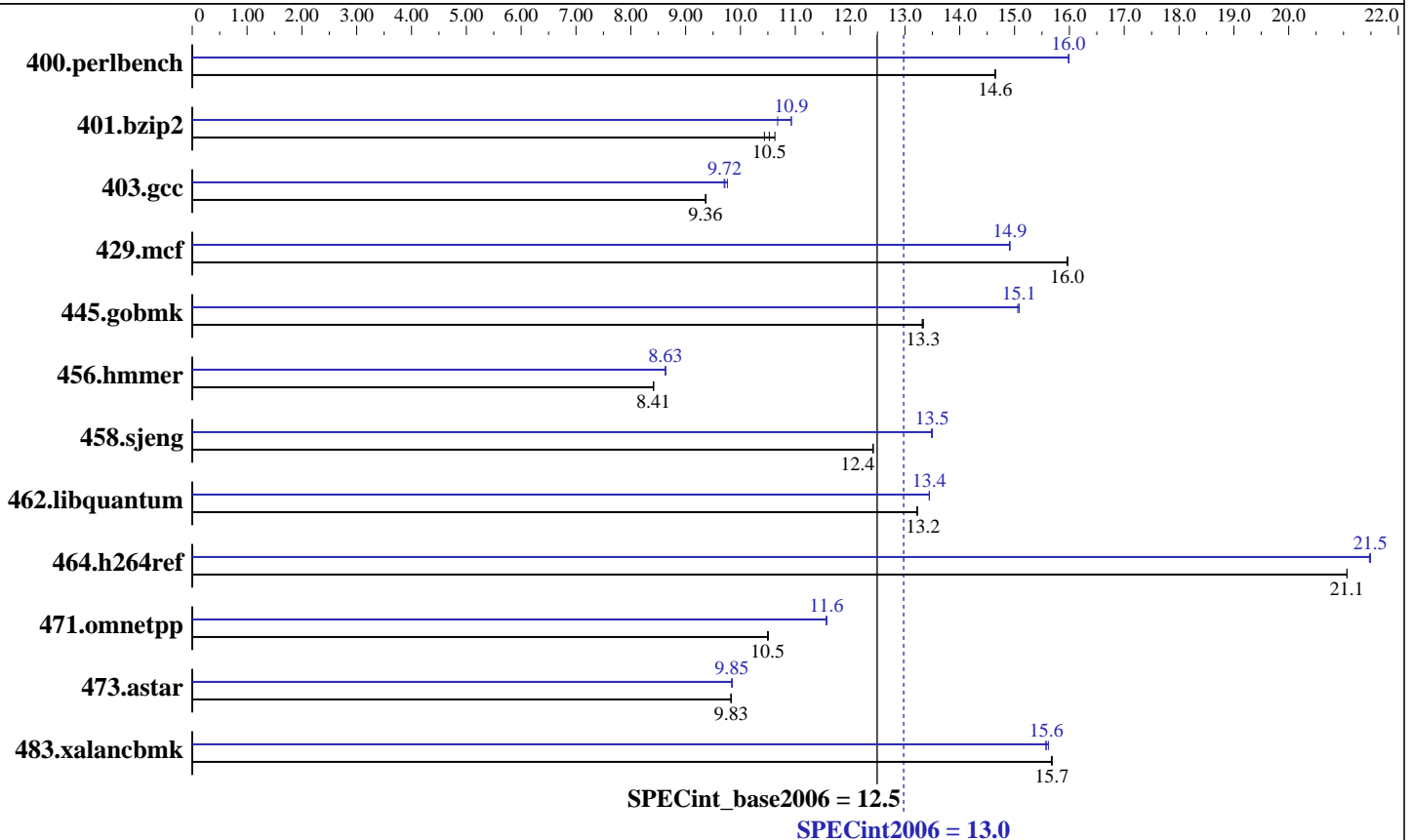
Test sponsor: Bull SAS

Tested by: Bull SAS

Test date: Feb-2007

Hardware Availability: Jan-2007

Software Availability: Dec-2006



Hardware

CPU Name: Intel Xeon E5335
 CPU Characteristics: 2.00 GHz, 8MB L2, 1333MHz bus
 CPU MHz: 2000
 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
 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

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
 Microsoft Visual Studio .NET 2003 (lib & linker)
 Auto Parallel: No
 File System: NTFS
 System State: Default
 Base Pointers: 32-bit
 Peak Pointers: 32-bit
 Other Software: MicroQuill SmartHeap Library 8.0 (shIW32M.lib)



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Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	667	14.6	667	14.6	667	14.6	611	16.0	611	16.0	611	16.0
401.bzip2	925	10.4	917	10.5	908	10.6	883	10.9	904	10.7	883	10.9
403.gcc	860	9.36	860	9.36	859	9.37	825	9.76	830	9.70	829	9.72
429.mcf	571	16.0	571	16.0	571	16.0	612	14.9	612	14.9	611	14.9
445.gobmk	788	13.3	787	13.3	788	13.3	695	15.1	697	15.1	696	15.1
456.hammer	1109	8.41	1109	8.41	1109	8.41	1081	8.63	1081	8.63	1081	8.63
458.sjeng	974	12.4	974	12.4	974	12.4	896	13.5	897	13.5	896	13.5
462.libquantum	1567	13.2	1567	13.2	1567	13.2	1541	13.4	1541	13.4	1541	13.4
464.h264ref	1051	21.1	1051	21.1	1051	21.1	1030	21.5	1030	21.5	1031	21.5
471.omnetpp	596	10.5	595	10.5	596	10.5	540	11.6	540	11.6	540	11.6
473.astar	714	9.83	714	9.83	714	9.83	713	9.85	713	9.85	713	9.84
483.xalancbmk	440	15.7	440	15.7	440	15.7	442	15.6	443	15.6	443	15.6

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

Base Compiler Invocation

C benchmarks:
icl -Qvc7.1 -Qc99

C++ benchmarks:
icl -Qvc7.1

Base Portability Flags

403.gcc: -DSPEC_CPU_WIN32
464.h264ref: -DSPEC_CPU_NO_INTTYPES -DWIN32

Base Optimization Flags

C benchmarks:
-fast /F512000000 shlw32m.lib -link /FORCE:MULTIPLE

C++ benchmarks:
-fast -Qcxx_features /F512000000 shlw32m.lib
-link /FORCE:MULTIPLE



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Base Other Flags

C benchmarks:

403.gcc: -Dalloca=_alloca

Peak Compiler Invocation

C benchmarks:

icl -Qvc7.1 -Qc99

C++ benchmarks:

icl -Qvc7.1

Peak Portability Flags

403.gcc: -DSPEC_CPU_WIN32
464.h264ref: -DSPEC_CPU_NO_INTTYPES -DWIN32

Peak Optimization Flags

C benchmarks:

-Qprof_gen(pass 1) -Qprof_use(pass 2) -fast /F512000000 shlw32m.lib
-link /FORCE:MULTIPLE

C++ benchmarks:

-Qprof_gen(pass 1) -Qprof_use(pass 2) -fast -Qcxx_features
/F512000000 shlw32m.lib -link /FORCE:MULTIPLE

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/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>



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