SPEC® CINT2006 Result

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Bull SAS

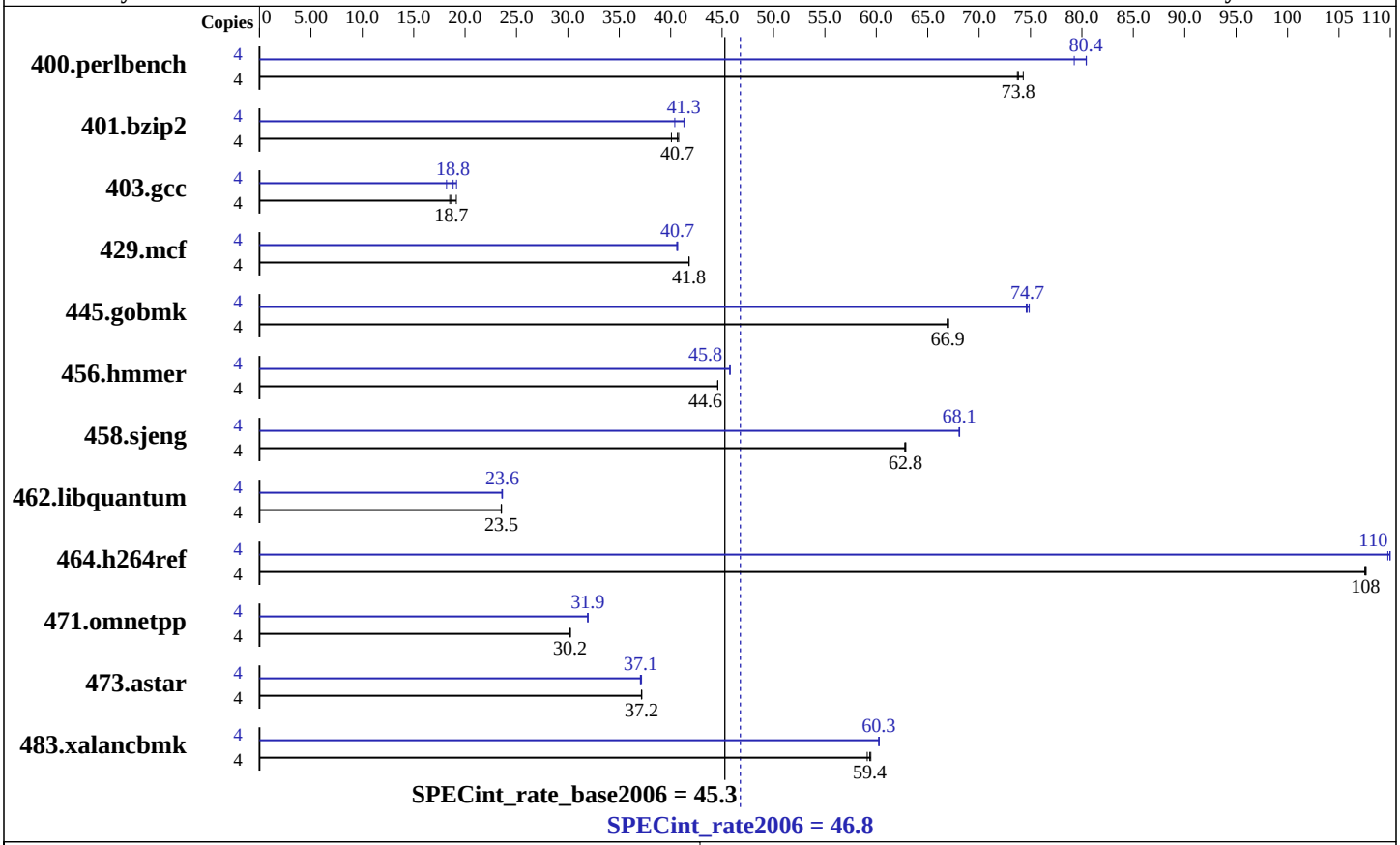
NovaScale B260 (Intel Xeon processor 5150,2.66GHz)

SPECint®_rate2006 = 46.8

SPECint_rate_base2006 = 45.3

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

Test date: Dec-2006
Hardware Availability: Dec-2006
Software Availability: Dec-2006



Hardware

CPU Name:	Intel Xeon 5150
CPU Characteristics:	2.66 GHz, 4MB L2, 1333MHz bus
CPU MHz:	2660
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	1 to 2 chips
Primary Cache:	32 KB I + 32 KB D on chip per core
Secondary Cache:	4 MB I+D on chip per chip
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 (shlW32M.lib)

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Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	4	**529**	**73.8**	530	73.7	526	74.3	4	493	79.3	**486**	**80.4**	486	80.4
401.bzip2	4	963	40.1	947	40.8	**950**	**40.7**	4	956	40.4	933	41.4	**935**	**41.3**
403.gcc	4	**1725**	**18.7**	1682	19.1	1739	18.5	4	1770	18.2	1680	19.2	**1709**	**18.8**
429.mcf	4	873	41.8	873	41.8	**873**	**41.8**	4	**897**	**40.7**	897	40.7	899	40.6
445.gobmk	4	**627**	**66.9**	626	67.0	627	66.9	4	563	74.6	560	74.9	**562**	**74.7**
456.hmmer	4	837	44.6	837	44.6	**837**	**44.6**	4	815	45.8	816	45.8	**815**	**45.8**
458.sjeng	4	**770**	**62.8**	770	62.9	771	62.8	4	711	68.0	**711**	**68.1**	711	68.1
462.libquantum	4	3520	23.5	3525	23.5	**3523**	**23.5**	4	3506	23.6	3516	23.6	**3508**	**23.6**
464.h264ref	4	823	108	822	108	**823**	**108**	4	807	110	805	110	**805**	**110**
471.omnetpp	4	828	30.2	827	30.2	**827**	**30.2**	4	**783**	**31.9**	783	31.9	782	32.0
473.astar	4	756	37.2	**756**	**37.2**	755	37.2	4	758	37.1	**757**	**37.1**	756	37.2
483.xalancbmk	4	467	59.1	464	59.5	**465**	**59.4**	4	**458**	**60.3**	458	60.2	458	60.3

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
```

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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Tested with SPEC CPU2006 v1.0.
Report generated on Tue Jul 22 10:19:50 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 6 February 2007.