SPEC® CINT2006 Result

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Bull SAS

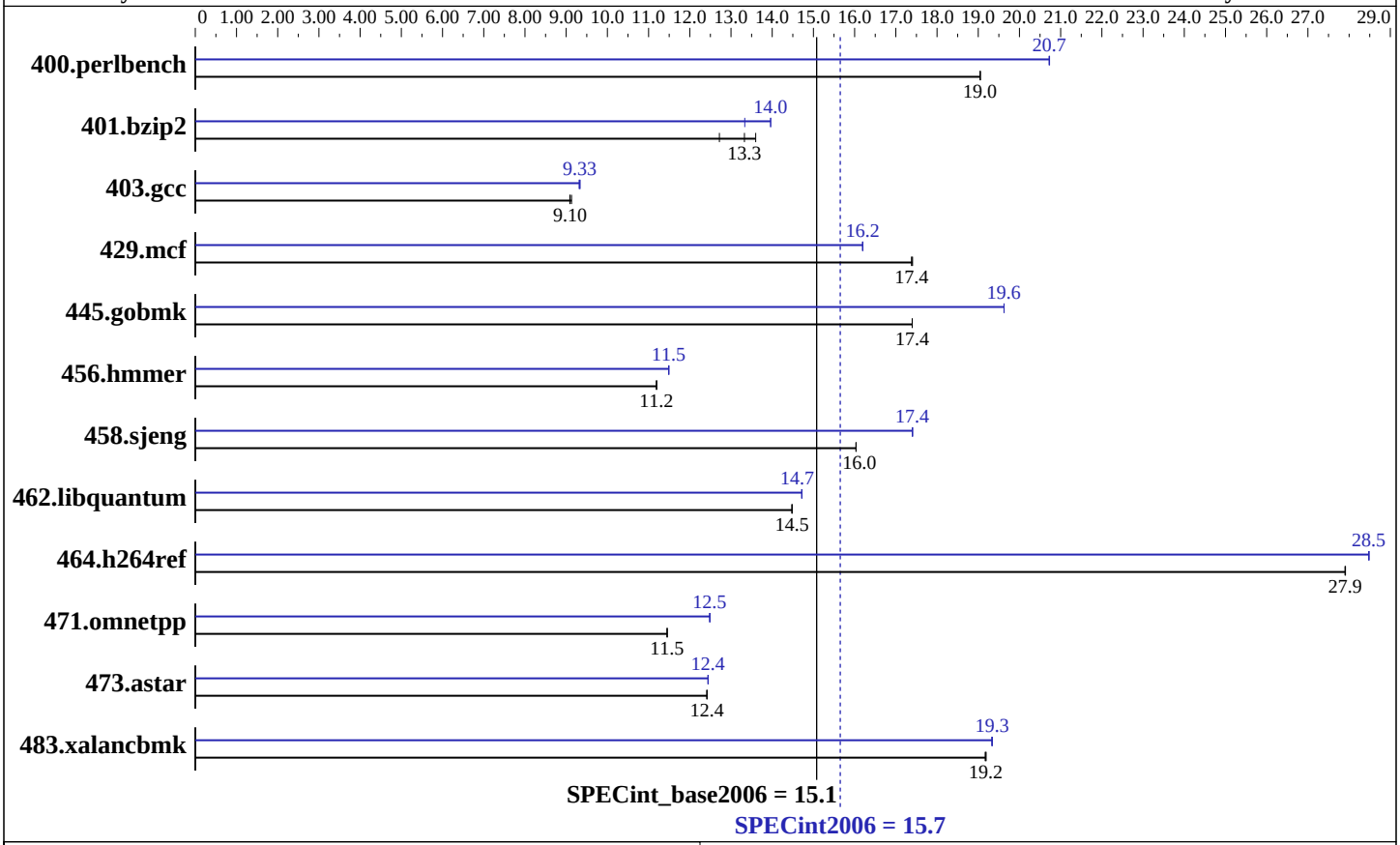
NovaScale B260 (Intel Xeon processor 5150,2.66GHz)

SPECint®2006 = 15.7

SPECint_base2006 = 15.1

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:	1 core, 1 chip, 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					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	513	19.0	513	19.0	**513**	**19.0**	472	20.7	471	20.7	**471**	**20.7**
401.bzip2	**724**	**13.3**	759	12.7	710	13.6	691	14.0	724	13.3	**691**	**14.0**
403.gcc	882	9.13	**885**	**9.10**	886	9.09	862	9.34	864	9.31	**863**	**9.33**
429.mcf	524	17.4	525	17.4	**525**	**17.4**	563	16.2	**563**	**16.2**	563	16.2
445.gobmk	603	17.4	603	17.4	**603**	**17.4**	534	19.6	**534**	**19.6**	535	19.6
456.hmmer	834	11.2	834	11.2	**834**	**11.2**	**812**	**11.5**	812	11.5	812	11.5
458.sjeng	755	16.0	**755**	**16.0**	755	16.0	695	17.4	695	17.4	**695**	**17.4**
462.libquantum	1431	14.5	**1431**	**14.5**	1431	14.5	1408	14.7	**1408**	**14.7**	1408	14.7
464.h264ref	**793**	**27.9**	793	27.9	793	27.9	**777**	**28.5**	777	28.5	777	28.5
471.omnetpp	546	11.4	**546**	**11.5**	546	11.5	501	12.5	501	12.5	**501**	**12.5**
473.astar	**565**	**12.4**	565	12.4	565	12.4	564	12.4	564	12.4	**564**	**12.4**
483.xalancbmk	**360**	**19.2**	360	19.2	360	19.2	357	19.3	357	19.3	**357**	**19.3**

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
```

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
```

Continued on next page

Base Optimization Flags (Continued)

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

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