SPEC® CINT2006 Result

Bull SAS
NovaScale R460
(Intel Xeon processor 5140, 2.33GHz)

SPECint®2006 = 14.5
SPECint_base2006 = 13.9

Standard Performance Evaluation Corporation
info@spec.org
http://www.spec.org/
## Bull SAS

NovaScale R460  
(Intel Xeon processor 5140, 2.33GHz)

<table>
<thead>
<tr>
<th>CPU2006 license:</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test sponsor:</td>
<td>Bull SAS</td>
</tr>
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<td>Tested by:</td>
<td>Bull SAS</td>
</tr>
</tbody>
</table>

**SPECint2006** = 14.5  
**SPECint_base2006** = 13.9

### Results Table

<table>
<thead>
<tr>
<th>Benchmark</th>
<th>Seconds</th>
<th>Ratio</th>
<th>Seconds</th>
<th>Ratio</th>
<th>Seconds</th>
<th>Ratio</th>
<th>Peak</th>
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<td>403.gcc</td>
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<td>9.80</td>
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<td>429.mcf</td>
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<td>462.libquantum</td>
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<td>464.h264ref</td>
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<td>17.6</td>
<td>387</td>
<td>17.8</td>
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</tr>
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</table>

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

### Operating System Notes

/NUMPROC=1 flags was added to boot.ini invoke uniprocessor environment

### General Notes

The NovaScale R440 and the NovaScale R460 models are electronically equivalent.  
The results have been measured on a NovaScale R460 model.

### 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`
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Bull SAS
NovaScale R460
(Intel Xeon processor 5140, 2.33GHz)

SPECint2006 = 14.5
SPECint_base2006 = 13.9

CPU2006 license: 20
Test sponsor: Bull SAS
Hardware Availability: Feb-2007
Test date: May-2007
Tested by: Bull SAS
Software Availability: Dec-2006

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:

Continued on next page
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**Peak Other Flags (Continued)**

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.

Tested with SPEC CPU2006 v1.0.