SPEC® CINT2006 Result
Copyright 2006-2014 Standard Performance Evaluation Corporation

IBM Corporation

$SPECint^{®}\_rate2006 =$ Not Run

IBM BladeCenter HS21 XM (Intel Xeon E5310)
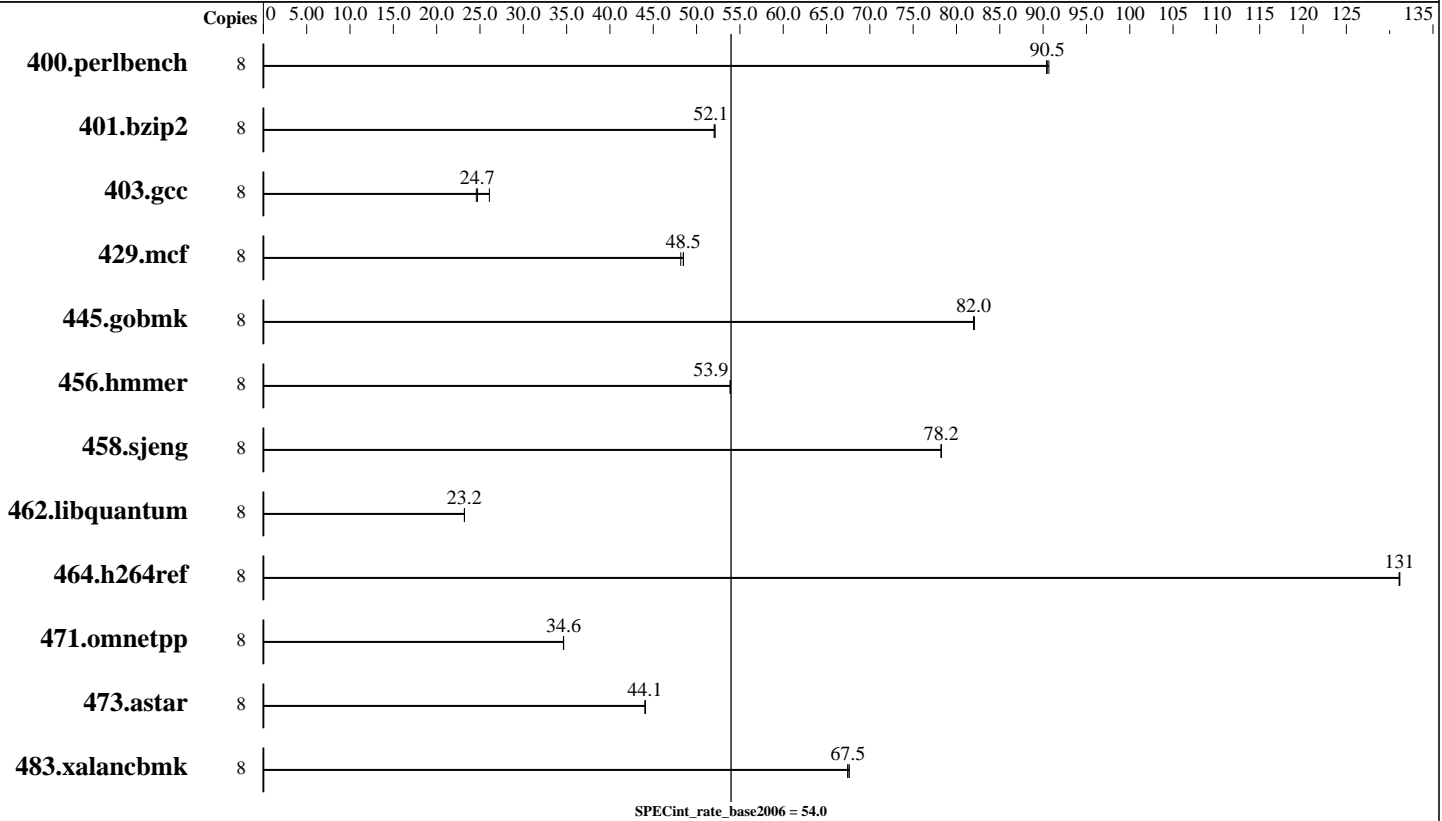
$SPECint\_rate\_base2006 =$ 54.0

CPU2006 license: 11
Test sponsor: IBM Corporation
Tested by: IBM Corporation

Test date: Jan-2007
Hardware Availability: Feb-2007
Software Availability: Aug-2006

Copies | 0 5.00 10.0 15.0 20.0 25.0 30.0 35.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100 105 110 115 120 125 135

Benchmark	Copies	Value
400.perlbench	8	90.5
401.bzip2	8	52.1
403.gcc	8	24.7
429.mcf	8	48.5
445.gobmk	8	82.0
456.hmmer	8	53.9
458.sjeng	8	78.2
462.libquantum	8	23.2
464.h264ref	8	131
471.omnetpp	8	34.6
473.astar	8	44.1
483.xalancbmk	8	67.5

SPECint_rate_base2006 = 54.0

Hardware

CPU Name: Intel Xeon E5310
CPU Characteristics: 1066MHz system bus
CPU MHz: 1600
FPU: Integrated
CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip
CPU(s) orderable: 1,2 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: 16 GB (8 x 2GB DDR2-5300F ECC)
Disk Subsystem: 1 x 74 GB SAS, 1000 RPM
Other Hardware: None

Software

Operating System: Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-bit)
Compiler: Intel C++ Compiler for IA32 version 9.1 Build no 20060816
Microsoft Visual Studio .Net 2003 (for libraries)
Auto Parallel: No
File System: NTFS
System State: Default
Base Pointers: 32-bit
Peak Pointers: Not Applicable
Other Software: Smart Heap Library, Version 8

SPEC CINT2006 Result
Copyright 2006-2014 Standard Performance Evaluation Corporation

IBM Corporation

IBM BladeCenter HS21 XM (Intel Xeon E5310)

SPECint_rate2006 =   Not Run

SPECint_rate_base2006 = 54.0

CPU2006 license: 11
Test sponsor: IBM Corporation
Tested by: IBM Corporation

Test date: Jan-2007
Hardware Availability: Feb-2007
Software Availability: Aug-2006

Results Table

Benchmark	Base Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Peak Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	8	862	90.7	**864**	**90.5**	865	90.4							
401.bzip2	8	**1481**	**52.1**	1484	52.0	1481	52.1							
403.gcc	8	2620	24.6	**2606**	**24.7**	2469	26.1							
429.mcf	8	1505	48.5	**1505**	**48.5**	1515	48.2							
445.gobmk	8	1024	82.0	1023	82.1	**1024**	**82.0**							
456.hmmer	8	1385	53.9	**1385**	**53.9**	1385	53.9							
458.sjeng	8	1237	78.3	**1237**	**78.2**	1238	78.2							
462.libquantum	8	7142	23.2	**7142**	**23.2**	7143	23.2							
464.h264ref	8	1351	131	1350	131	**1350**	**131**							
471.omnetpp	8	1443	34.7	1444	34.6	**1443**	**34.6**							
473.astar	8	1275	44.1	**1275**	**44.1**	1273	44.1							
483.xalancbmk	8	816	67.6	**818**	**67.5**	819	67.4							

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
```

SPEC CINT2006 Result
Copyright 2006-2014 Standard Performance Evaluation Corporation

IBM Corporation

IBM BladeCenter HS21 XM (Intel Xeon E5310)

SPECint_rate2006 =   Not Run

SPECint_rate_base2006 = 54.0

CPU2006 license: 11		**Test date:**	Jan-2007
Test sponsor:	IBM Corporation	**Hardware Availability:**	Feb-2007
Tested by:	IBM Corporation	**Software Availability:**	Aug-2006

Base 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/Intel-ic91-flags.20090714.html

You can also download the XML flags source by saving the following link:
http://www.spec.org/cpu2006/flags/Intel-ic91-flags.20090714.xml

SPEC and SPECint 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 10:38:13 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 6 March 2007.