SPEC® CINT2006 Result

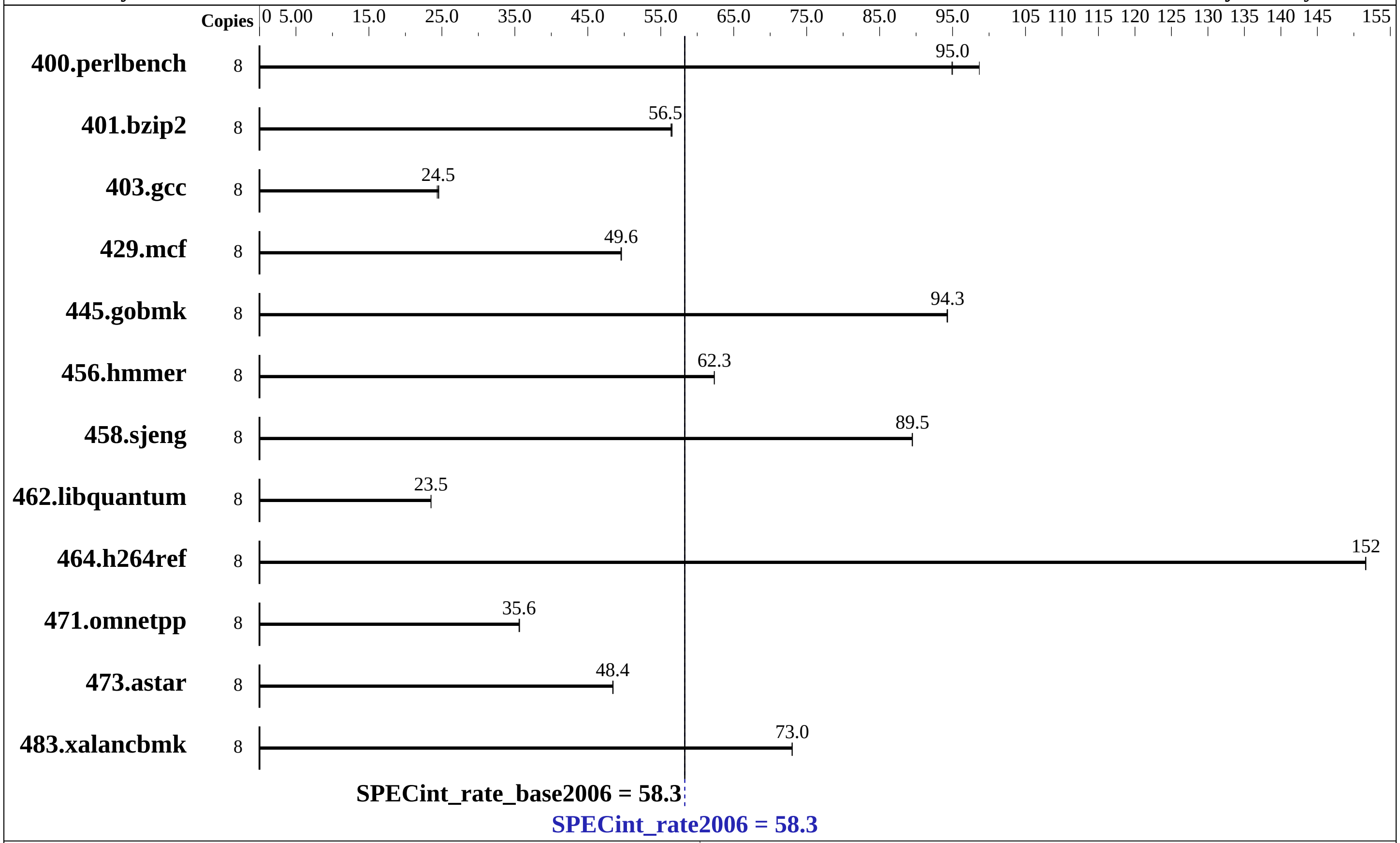
Itautec

SPECint®_rate2006 = 58.3

Servidor Itautec MX221 (Intel Xeon E5320)

SPECint_rate_base2006 = 58.3

CPU2006 license:	9001	**Test date:**	Feb-2007
Test sponsor:	Itautec	**Hardware Availability:**	Feb-2007
Tested by:	Itautec	**Software Availability:**	May-2006



Hardware

CPU Name:	Intel Xeon E5320
CPU Characteristics:	1066MHz system bus
CPU MHz:	1860
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:	8 GB (8x1GB DDR2-RAM PC2-5300F CAS 5-5-5)
Disk Subsystem:	73 GB SCSI, 10000RPM
Other Hardware:	None

Software

Operating System:	Windows Server 2003 Enterprise Edition + SP1 (32-bit)
Compiler:	Intel C++ Compiler for IA32 version 9.1 Package ID W_CC_C_9.1.025 Build no 20060519Z Microsoft Visual Studio .NET 2003 7.1.3088 (for libraries)
Auto Parallel:	No
File System:	NTFS
System State:	Default
Base Pointers:	32-bit
Peak Pointers:	32-bit
Other Software:	Microquill SmartHeap Library v.8.0 for SMP

Itautec

Servidor Itautec MX221 (Intel Xeon E5320)

SPECint_rate2006 = 58.3

SPECint_rate_base2006 = 58.3

CPU2006 license: 9001
Test sponsor: Itautec
Tested by: Itautec

Test date: Feb-2007
Hardware Availability: Feb-2007
Software Availability: May-2006

Results Table

	Base							Peak						
Benchmark	**Copies**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Copies**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**
400.perlbench	8	792	98.7	**823**	**95.0**	824	94.9	8	792	98.7	**823**	**95.0**	824	94.9
401.bzip2	8	**1367**	**56.5**	1365	56.6	1369	56.4	8	**1367**	**56.5**	1365	56.6	1369	56.4
403.gcc	8	2644	24.4	2619	24.6	**2628**	**24.5**	8	2644	24.4	2619	24.6	**2628**	**24.5**
429.mcf	8	1470	49.6	1473	49.5	**1472**	**49.6**	8	1470	49.6	1473	49.5	**1472**	**49.6**
445.gobmk	8	890	94.3	**890**	**94.3**	891	94.2	8	890	94.3	**890**	**94.3**	891	94.2
456.hmmer	8	1197	62.4	1198	62.3	**1197**	**62.3**	8	1197	62.4	1198	62.3	**1197**	**62.3**
458.sjeng	8	1081	89.5	1082	89.5	**1082**	**89.5**	8	1081	89.5	1082	89.5	**1082**	**89.5**
462.libquantum	8	7049	23.5	**7051**	**23.5**	7054	23.5	8	7049	23.5	**7051**	**23.5**	7054	23.5
464.h264ref	8	1168	152	**1167**	**152**	1167	152	8	1168	152	**1167**	**152**	1167	152
471.omnetpp	8	1406	35.6	1402	35.7	**1405**	**35.6**	8	1406	35.6	1402	35.7	**1405**	**35.6**
473.astar	8	**1160**	**48.4**	1158	48.5	1160	48.4	8	**1160**	**48.4**	1158	48.5	1160	48.4
483.xalancbmk	8	756	73.0	756	73.0	**756**	**73.0**	8	756	73.0	756	73.0	**756**	**73.0**

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

General Notes

```
The Servidor Itautec MX221 and the Servidor Itautec MX201
are electronically equivalent.
```

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 shlSMPMt.lib            -link /FORCE:MULTIPLE
```

Continued on next page

Base Optimization Flags (Continued)

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

Base Other Flags

C benchmarks:

403.gcc: `-Dalloca=_alloca`

Peak Optimization Flags

C benchmarks:

400.perlbench: basepeak = yes

401.bzip2: basepeak = yes

403.gcc: basepeak = yes

429.mcf: basepeak = yes

445.gobmk: basepeak = yes

456.hmmer: basepeak = yes

458.sjeng: basepeak = yes

462.libquantum: basepeak = yes

464.h264ref: basepeak = yes

C++ benchmarks:

471.omnetpp: basepeak = yes

473.astar: basepeak = yes

483.xalancbmk: basepeak = yes

The flags file that was used to format this result can be browsed at
http://www.spec.org/cpu2006/flags/Itautec-ic91-flags.20090714.html

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

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 10:30:47 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 7 March 2007.