SPEC CINT95rate Results

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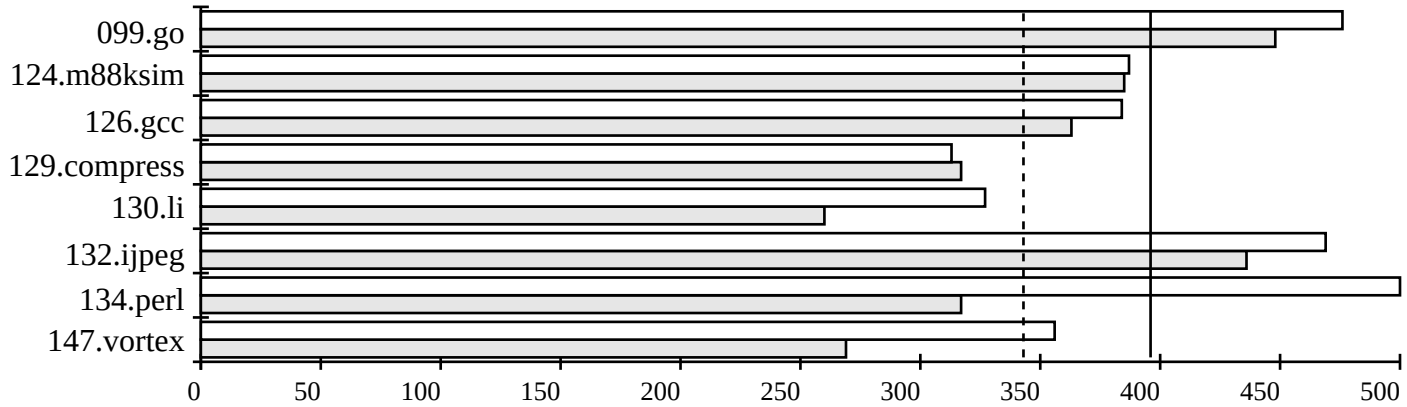
IBM Corporation
RS/6000 J50 & R50 (200MHz 6 Proc.)

SPECint_rate95 = 396

SPECint_rate_base95 = 343

SPEC license # 11	Tested By: IBM, Austin TX	Test Date: Mar-97	Hardware Avail: Apr-97	Software Avail: Apr-97



Hardware/Software Configuration for:
RS/6000 J50 & R50 (200MHz 6 Proc.)

Hardware

Model Name:	RS/6000 J50 & R50
CPU:	200 MHz PowerPC 604e
FPU:	Integrated
Number of CPU(s):	6
Primary Cache:	32KBI+32KBD on chip
Secondary Cache:	2MB(I+D) per CPU off chip
Other Cache:	None
Memory:	512MB
Disk Subsystem:	1x4.5GB SCSI
Other Hardware:	None

Software

Operating System:	AIX 4.2.1
Compiler:	IBM CSet++ 3.1.4.5
File System:	AIX/JFS
System State:	Multi-user

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	6	555	448	6	521	476
124.m88ksim	6	267	385	6	265	387
126.gcc	6	253	363	6	239	384
129.compress	6	307	317	6	310	313
130.li	6	395	260	6	313	327
132.ijpeg	6	297	436	6	277	469
134.perl	6	324	317	6	205	500
147.vortex	6	541	269	6	410	356
SPECint_rate_base95 (G. Mean)			343			
				SPECint_rate95 (G. Mean)		396

Notes/Tuning Information

```
Compatibility Flags: gcc -ma; perl -DI_TIME -DI_SYS_TIME
Base: -O3 -qarch=ppc -Q=500 -qpdf1/pdf2
Peak: all used -qpdf1/pdf2
099: -O -qarch=ppc -Q=500 -qansialias -qdatalocal -qproclocal -qunroll=0
-bnso -bI:/lib/syscalls.exp
124: -O3 -qansialias -qarch=ppc -Q=200 -bnso -bI:/lib/syscalls.exp; fdpr -R2
126: -O -qarch=ppc -qdatalocal -bnso -bI:/lib/syscalls.exp; fdpr -R2
129: -O -qarch=ppc -Q=200 -qdatalocal -qassert=allp
130: -O -Q=1000 -qdatalocal -qunroll=2 -Dsetjmp=_setjmp -Dlongjmp=_longjmp
-bnso -bI:/lib/syscalls.exp
132: -O3 -Q=100 -bnso -bI:/lib/syscalls.exp
134: -O3 -qarch=ppc -qdatalocal -qansialias -Dsetjmp=_setjmp -Dlongjmp=_longjmp
-bnso -bI:/lib/syscalls.exp /usr/ccs/lib/bmalloc.o
147: -O3 -qarch=ppc -Q=200 -qdatalocal -bnso -bI:/lib/syscalls.exp; fdpr -R2
```

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-- Prepared By: --