SPEC CINT95rate Results

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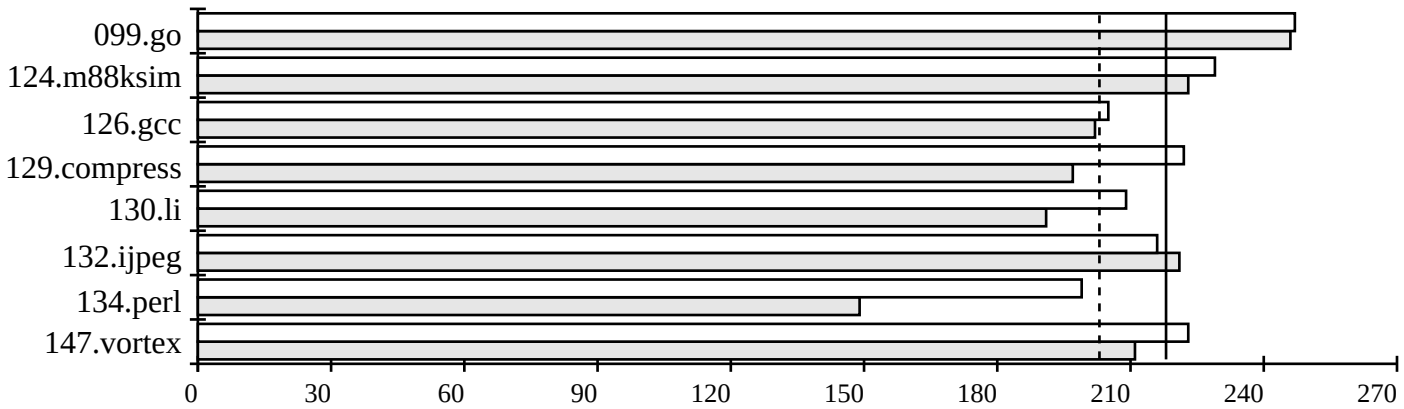
IBM Corporation
RS/6000 44P-270 (1 CPU)

SPECint_rate95 = 218

SPECint_rate_base95 = 203

SPEC license # 11	Tested By: IBM, Austin, TX	Test Date: Dec-1999	Hardware Avail: Feb-2000	Software Avail: Feb-2000



Hardware/Software Configuration for:
RS/6000 44P-270 (1 CPU)

Hardware

Model Name:	RS/6000 44P-270 (1 CPU)
CPU:	375 MHz Power3
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	32KB I + 64KB D (on chip)
Secondary Cache:	4MB unified (off chip)
Other Cache:	None
Memory:	4GB
Disk Subsystem:	2x9.1GB IBM Fast/Wide SCSI 7200 RPM
Other Hardware:	None

Software

Operating System:	AIX 4.3.3
Compiler:	IBM C/C++ 3.6.4.0
	memdbg 4.4.0.1
	FDPR
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	1	168	246	1	167	247
124.m88ksim	1	76.6	223	1	75	229
126.gcc	1	75.6	202	1	75	205
129.compress	1	82.0	197	1	73	222
130.li	1	89.4	191	1	82	209
132.ijpeg	1	97.5	221	1	100	216
134.perl	1	115	149	1	86	199
147.vortex	1	115	211	1	109	223
SPECint_rate_base95 (G. Mean)			203			
			SPECint_rate95 (G. Mean)			218

Notes/Tuning Information

```
Compatibility Flags: gcc -ma; perl -DI_TIME -DI_SYS_TIME
Base:   -O4 -Q=500 -qpdf1/pdf2 -lhmu
go:     -O -qarch=pwr3 -Q=500 -qansialias -qdatalocal -qassert=addr -qcompact -bnso -bI:/lib/syscalls.exp
m88:    -O3 -qarch=ppc -qipa=noobject -Q=500 -qansialias -qpdf1/pdf2
gcc:    -O -qarch=ppc -qdatalocal -qassert=addr -qinlglue -qpdf1/pdf2 -bnso -bI:/lib/syscalls.exp
comp:   -O -qarch=ppc -qipa=level=2:noobject -qdatalocal -Q=200 -qassert=allp -qunroll=5
li:     -O4 -qipa=noobject -qlibansi -qpdf1/pdf2; fdpr -R3
ijpeg:  -O4 -qipa=noobject -qunroll=4 -qpdf1/pdf2 -bnso -bI:/lib/syscalls.exp
perl:   -O4 -qipa=noobject -Q=200 -qinlglue -Dsetjmp=_setjmp -Dlongjmp=_longjmp -qansialias -qunroll=4
-qpdf1/pdf2 -bnso -bI:/lib/syscalls.exp /usr/ccs/lib/bmalloc.o
vort:   -O4 -qipa=level=2:noobject -Q=500 -qpdf1/pdf2 -lhm -lhu; fdpr -R2
NOTE: 4 CPUs were installed, but 3 were disabled via the service processor setup menu.
```

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-- Prepared By: --