SPEC CINT95rate Results

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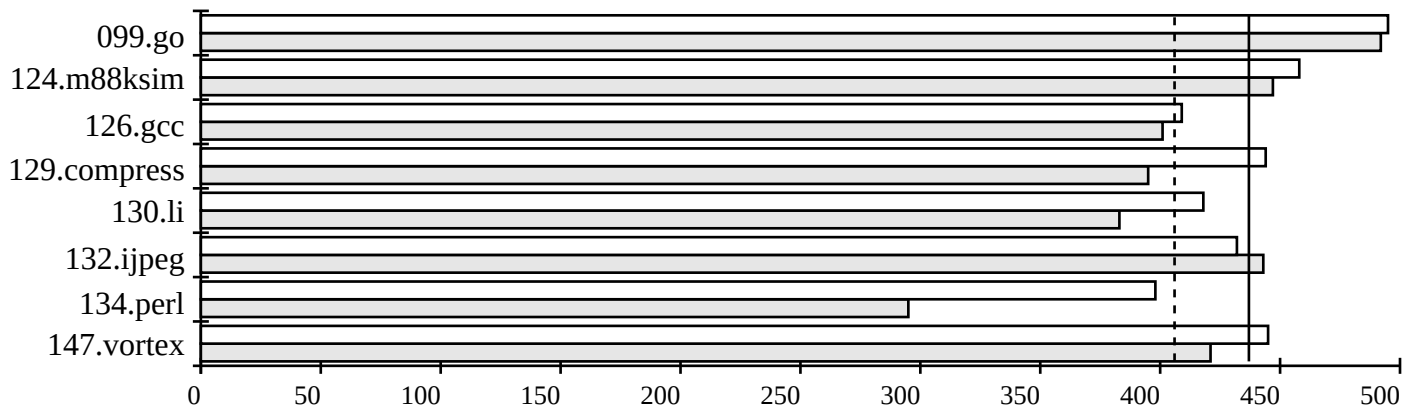
IBM Corporation
RS/6000 44P-270 (2 CPU)

SPECint_rate95 = 437

SPECint_rate_base95 = 406

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 (2 CPU)

Hardware

Model Name:	RS/6000 44P-270 (2 CPU)
CPU:	375 MHz Power3-II
FPU:	Integrated
Number of CPU(s):	2
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	2	168	492	2	167	495
124.m88ksim	2	76.6	447	2	75	458
126.gcc	2	76.3	401	2	75	409
129.compress	2	82.0	395	2	73	444
130.li	2	89.4	383	2	82	418
132.ijpeg	2	97.5	443	2	100	432
134.perl	2	116	295	2	86	398
147.vortex	2	116	421	2	109	445
SPECint_rate_base95 (G. Mean)			406			
			SPECint_rate95 (G. Mean)			437

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 2 were disabled via the service processor setup menu
```

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