SPEC CINT95rate Results

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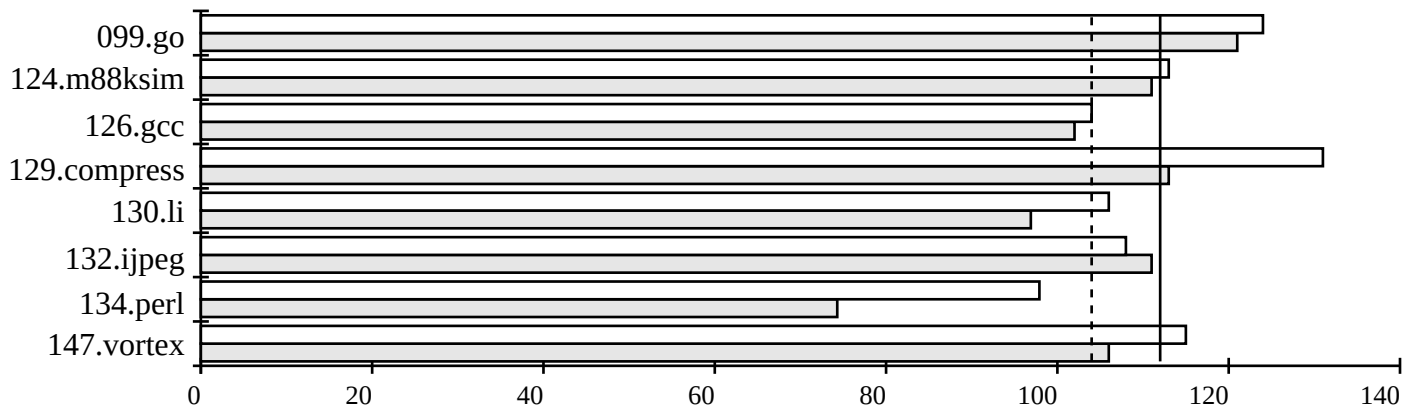
IBM Corporation
RISC System/6000 43P-260 (1 CPU)

SPECint_rate95 = 112

SPECint_rate_base95 = 104

SPEC license # 11	Tested By: IBM, Austin, TX	Test Date: Jul-99	Hardware Avail: Oct-98	Software Avail: Jul-99



Hardware/Software Configuration for:
RISC System/6000 43P-260 (1 CPU)

Hardware

Model Name:	RS/6000 43P-260 (1 CPU)
CPU:	200 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:	512 MB
Disk Subsystem:	1 x 4.5GB
Other Hardware:	Ethernet

Software

Operating System:	AIX 4.3.2
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	341	121	1	335	124
124.m88ksim	1	154	111	1	151	113
126.gcc	1	150	102	1	147	104
129.compress	1	143	113	1	124	131
130.li	1	176	96.9	1	162	106
132.ijpeg	1	195	111	1	200	108
134.perl	1	230	74.3	1	175	97.9
147.vortex	1	228	106	1	211	115
SPECint_rate_base95 (G. Mean)			104			
			SPECint_rate95 (G. Mean)			112

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: This result applies only to 43P-260 systems running the SPX99028
.     firmware level.  For all other configurations, the previously
.     published results are valid.
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