SPEC CINT95 Results

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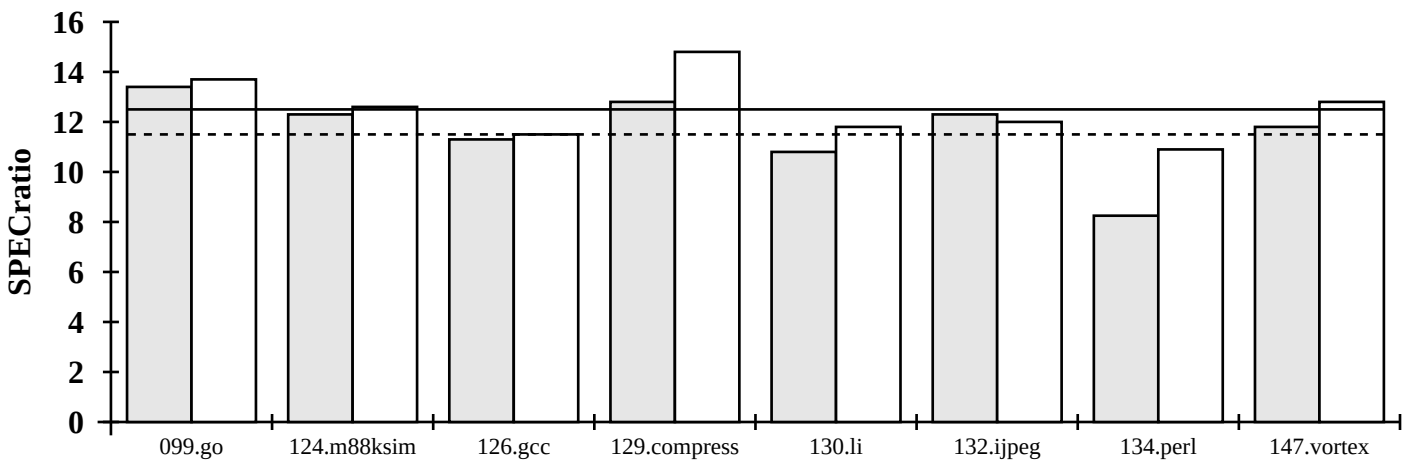
IBM Corporation
RISC System/6000 43P-260 (1 CPU)

SPECint95 = 12.5

SPECint_base95 = 11.5

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	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
099.go	4600	342	13.4	335	13.7
124.m88ksim	1900	154	12.3	151	12.6
126.gcc	1700	150	11.3	147	11.5
129.compress	1800	141	12.8	122	14.8
130.li	1900	176	10.8	162	11.8
132.ijpeg	2400	195	12.3	200	12.0
134.perl	1900	230	8.25	175	10.9
147.vortex	2700	228	11.8	211	12.8
SPECint_base95 (G. Mean)			11.5		
		SPECint95 (G. Mean)			12.5

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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