SPEC CINT95 Results

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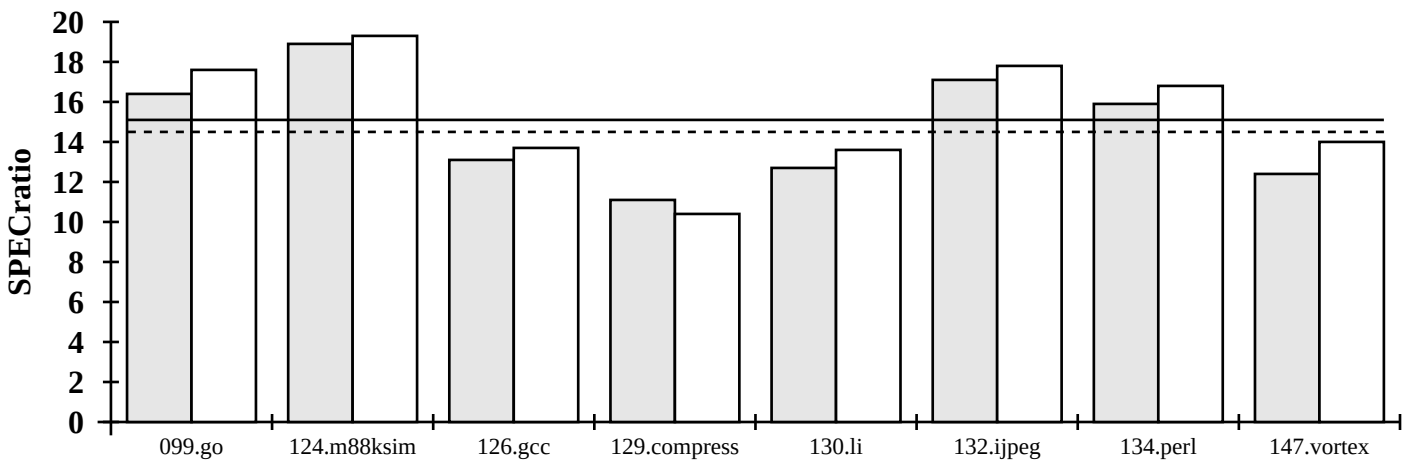
IBM Corporation
RISC System/6000 43P-150

SPECint95 = 15.1

SPECint_base95 = 14.5

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



Hardware/Software Configuration for:
RISC System/6000 43P-150

Hardware

Model Name:	RS/6000 43P-150
CPU:	375 MHz PowerPC 604e
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	32KB I + 32KB D (on chip)
Secondary Cache:	1MB unified (off chip)
Other Cache:	None
Memory:	256 MB
Disk Subsystem:	1 x 4.5GB
Other Hardware:	None

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	281	16.4	261	17.6
124.m88ksim	1900	101	18.9	98	19.3
126.gcc	1700	130	13.1	124	13.7
129.compress	1800	162	11.1	174	10.4
130.li	1900	150	12.7	140	13.6
132.ijpeg	2400	140	17.1	135	17.8
134.perl	1900	119	15.9	113	16.8
147.vortex	2700	218	12.4	193	14.0
SPECint_base95 (G. Mean)			14.5		
		SPECint95 (G. Mean)			15.1

Notes/Tuning Information

```
Compatibility Flags: gcc -ma -qlanglvl=ansi; perl -DI_TIME -DI_SYS_TIME; all -qarch=ppc
Base:   -O4 -Q=500 -lhmu -qpdf
Peak:   all use -qarch=ppc
go:     -O -Q=500 -qdatalocal -qassert=addr -bnso -bI:/lib/syscalls.exp
:       -qcompact
m88:    -O4 -qpdf -Q=100 -qansialias ; fdpr -R3
gcc:    -O -qdatalocal -qassert=allp -qassert=addr -qinlglue -bnso
:       -bI:/lib/syscalls.exp; fdpr -R3
comp:   -qipa=level=2 -Q=200 -qassert=allp -qunroll=5
li:     -O4 -qpdf -qlibansi ; fdpr -R3
ijpeg:  -O4 -qunroll=4 -bnso -bI:/lib/syscalls.exp
perl:   -O4 -Q=200 -qdatalocal -Dsetjmp=_setjmp -Dlongjmp=_longjmp -qansialias
:       -bnso -bI:/lib/syscalls.exp /usr/ccs/lib/bmalloc.o ; fdpr -R3
vort:   -O4 -qipa=level=2 -qtune=601 -qpdf -Q=500 -lhmu ; fdpr -R2
```

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