SPEC CINT95 Results

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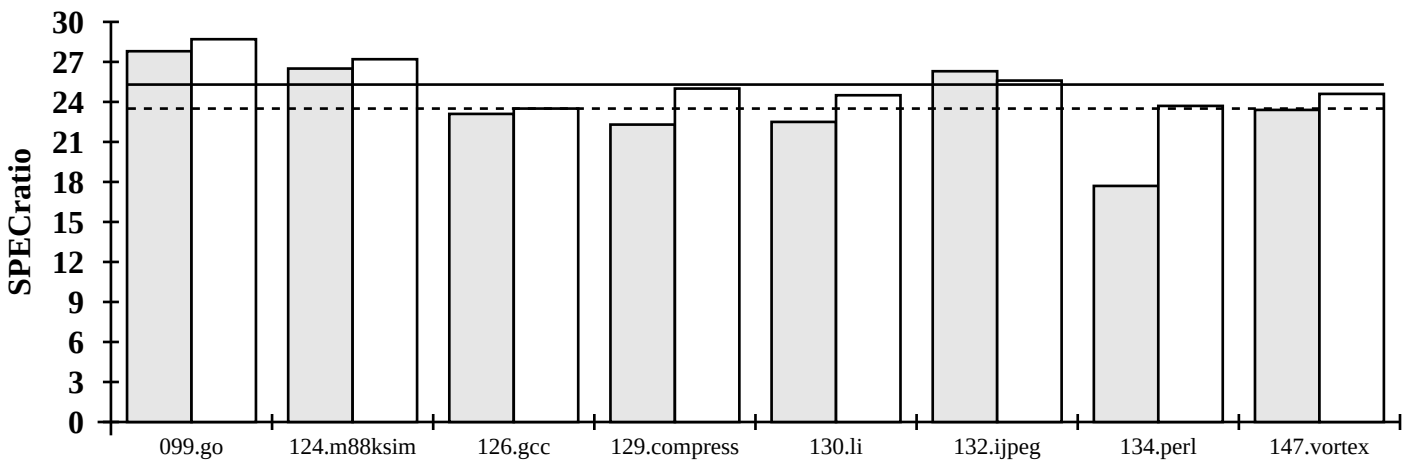
IBM Corporation
RS/6000 44P-170 (400 MHz)

SPECint95 = 25.3

SPECint_base95 = 23.5

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



Hardware/Software Configuration for:
RS/6000 44P-170 (400 MHz)

Hardware

Model Name:	RS/6000 44P-170 (400 MHz)
CPU:	400 MHz PowerPC-II
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:	1GB
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	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
099.go	4600	166	27.8	161	28.7
124.m88ksim	1900	71.7	26.5	70	27.2
126.gcc	1700	73.5	23.1	72	23.5
129.compress	1800	80.6	22.3	72	25.0
130.li	1900	84.5	22.5	78	24.5
132.ijpeg	2400	91.3	26.3	94	25.6
134.perl	1900	107	17.7	80	23.7
147.vortex	2700	116	23.4	110	24.6
SPECint_base95 (G. Mean)			23.5		
		SPECint95 (G. Mean)			25.3

Notes/Tuning Information

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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
```

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