SPEC CINT95 Results

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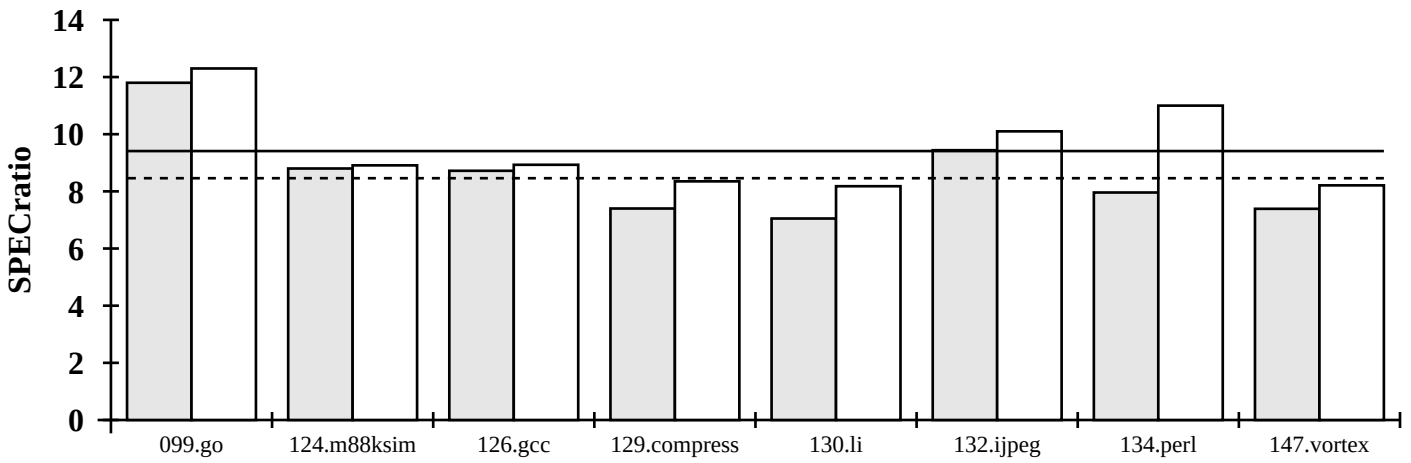
IBM Corporation
RS/6000 E30 & F30 (233MHz 1 Proc.)

SPECint95 = 9.41

SPECint_base95 = 8.46

SPEC license # 11	Tested By: IBM, Austin TX	Test Date: Mar-97	Hardware Avail: Apr-97	Software Avail: Apr-97



Hardware/Software Configuration for:
RS/6000 E30 & F30 (233MHz 1 Proc.)

Hardware

Model Name:	RS/6000 E30 & F30
CPU:	233 MHz PowerPC 604e
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	32KBI+32KBD on chip
Secondary Cache:	512KB(I+D) off chip
Other Cache:	None
Memory:	64MB
Disk Subsystem:	1x2.2GB SCSI
Other Hardware:	None

Software

Operating System:	AIX 4.2.1
Compiler:	IBM CSet++ 3.1.4.5
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	389	11.8	374	12.3
124.m88ksim	1900	216	8.80	213	8.91
126.gcc	1700	195	8.72	190	8.93
129.compress	1800	243	7.40	216	8.35
130.li	1900	270	7.05	232	8.18
132.ijpeg	2400	254	9.44	238	10.1
134.perl	1900	239	7.96	172	11.0
147.vortex	2700	365	7.39	329	8.21
SPECint_base95 (G. Mean)			8.46		
		SPECint95 (G. Mean)			9.41

Notes/Tuning Information

```
Compatibility Flags: gcc -ma; perl -DI_TIME -DI_SYS_TIME
Base: -O3 -qarch=ppc -Q=500 -qpdf1/pdf2
Peak: all used -qpdf1/pdf2
099: -O -qarch=ppc -Q=500 -qansialias -qdatalocal -qproclocal -qunroll=0
-bnso -bI:/lib/syscalls.exp
124: -O3 -qansialias -qarch=ppc -Q=200 -bnso -bI:/lib/syscalls.exp; fdpr -R2
126: -O -qarch=ppc -qdatalocal -bnso -bI:/lib/syscalls.exp; fdpr -R2
129: -O -qarch=ppc -Q=200 -qdatalocal -qassert=allp
130: -O -Q=1000 -qdatalocal -qunroll=2 -Dsetjmp=_setjmp -Dlongjmp=_longjmp
-bnso -bI:/lib/syscalls.exp
132: -O3 -Q=100 -bnso -bI:/lib/syscalls.exp
134: -O3 -qarch=ppc -qdatalocal -qansialias -Dsetjmp=_setjmp -Dlongjmp=_longjmp
-bnso -bI:/lib/syscalls.exp /usr/ccs/lib/bmalloc.o
147: -O3 -qarch=ppc -Q=200 -qdatalocal -bnso -bI:/lib/syscalls.exp; fdpr -R2
```

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