SPEC CINT95 Results

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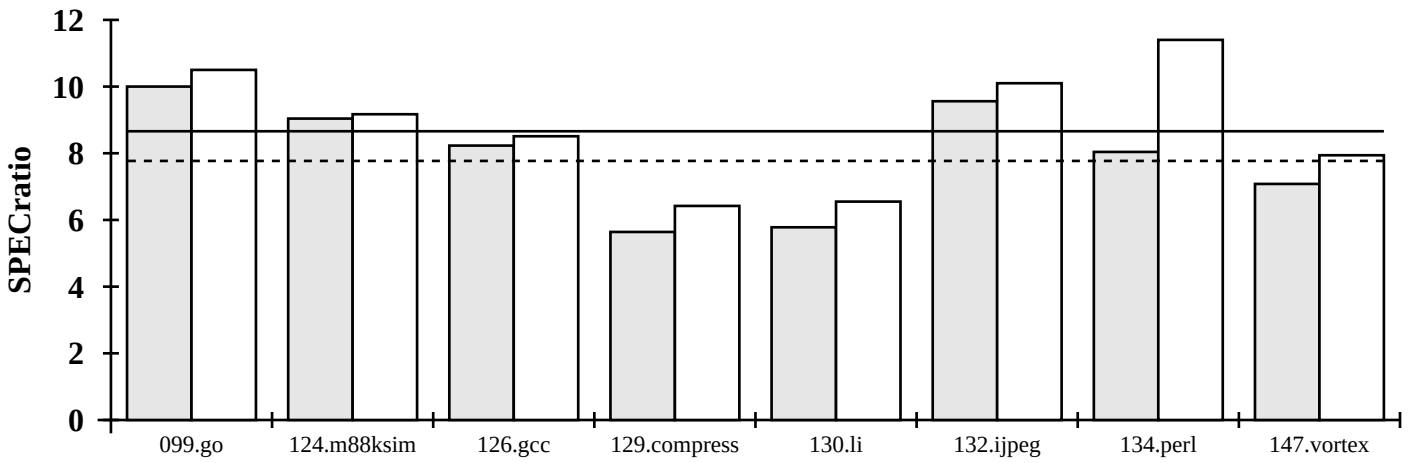
IBM Corporation
RS/6000 43P-140 Upgrade (233MHz)

SPECint95 = 8.66

SPECint_base95 = 7.77

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 43P-140 Upgrade (233MHz)

Hardware

Model Name:	RS/6000 43P-140 Upgrade
CPU:	233 MHz PowerPC 604e
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	32KBI+32KBD on chip
Secondary Cache:	1MB(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	458	10.0	440	10.5
124.m88ksim	1900	210	9.04	207	9.17
126.gcc	1700	207	8.23	200	8.51
129.compress	1800	319	5.64	280	6.42
130.li	1900	328	5.78	290	6.55
132.ijpeg	2400	251	9.56	237	10.1
134.perl	1900	236	8.04	167	11.4
147.vortex	2700	381	7.08	340	7.94
SPECint_base95 (G. Mean)			7.77		
		SPECint95 (G. Mean)			8.66

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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