SPEC CINT95 Results

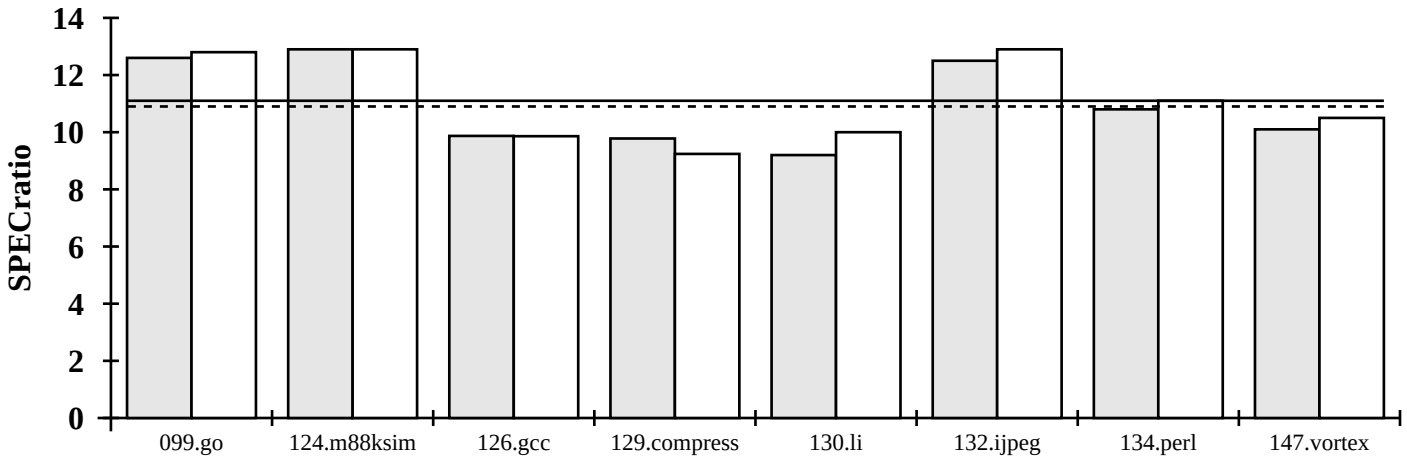
©Copyright 1995, Standard Performance Evaluation Corporation

IBM Corporation
RS/6000 43P-150 (250MHz)

SPECint95 = 11.1

SPECint_base95 = 10.9

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



Hardware/Software Configuration for:
RS/6000 43P-150 (250MHz)

Hardware

Model Name:	RS/6000 43P-150 (250MHz)
CPU:	250MHz IBM PowerPC 604e
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	32KBI+32KBD (on chip)
Secondary Cache:	1MB unified (off chip)
Other Cache:	None
Memory:	512MB
Disk Subsystem:	1x4.5GB Ultra SCSI, 7200 RPM
Other Hardware:	None

Software

Operating System:	AIX 4.3.3 plus APAR IY09807
Compiler:	IBM C/C++ 3.6.4.2 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	366	12.6	360	12.8
124.m88ksim	1900	148	12.9	147	12.9
126.gcc	1700	172	9.87	172	9.86
129.compress	1800	184	9.78	195	9.24
130.li	1900	207	9.20	189	10.0
132.ijpeg	2400	193	12.5	187	12.9
134.perl	1900	176	10.8	171	11.1
147.vortex	2700	268	10.1	257	10.5
SPECint_base95 (G. Mean)			10.9		
			SPECint95 (G. Mean)		11.1

Notes/Tuning Information

```
Compatibility Flags: gcc -ma -qlanglvl=ansi; perl -DI_TIME -DI_SYS_TIME; all -qarch=ppc
Base:  -O4 -Q=500 -lhmu -qpdf1/2
Peak:
099:   -O -Q=500 -qdatalocal -qassert=addr -qcompact -bnso -bI:/lib/syscalls.exp
124:   -O4 -Q=100 -qansialias -qpdf1/2; fdpr -R3
126:   -O -qdatalocal -qassert=addr -qinlglue -qpdf1/2 -bnso
-bI:/lib/syscalls.exp; fdpr -R3
129:   -qipa=level=2 -Q=200 -qassert=allp -qunroll=5
130:   -O4 -qlibansi -qpdf1/2; fdpr -R3
132:   -O4 -qunroll=4 -qpdf1/2 -bnso -bI:/lib/syscalls.exp
134:   -O4 -Q=200 -qinlglue -Dsetjmp=_setjmp -Dlongjmp=_longjmp -qansialias
-qunroll=4 -qpdf1/2 -bnso -bI:/lib/syscalls.exp
/usr/ccs/lib/bmalloc.o ; fdpr -R3
147:   -O3 -qarch=ppc -qipa=level=2 -qtune=601 -Q=500 -qpdf1/2
-lhmu ; fdpr -R2
```