SPEC CINT95 Results

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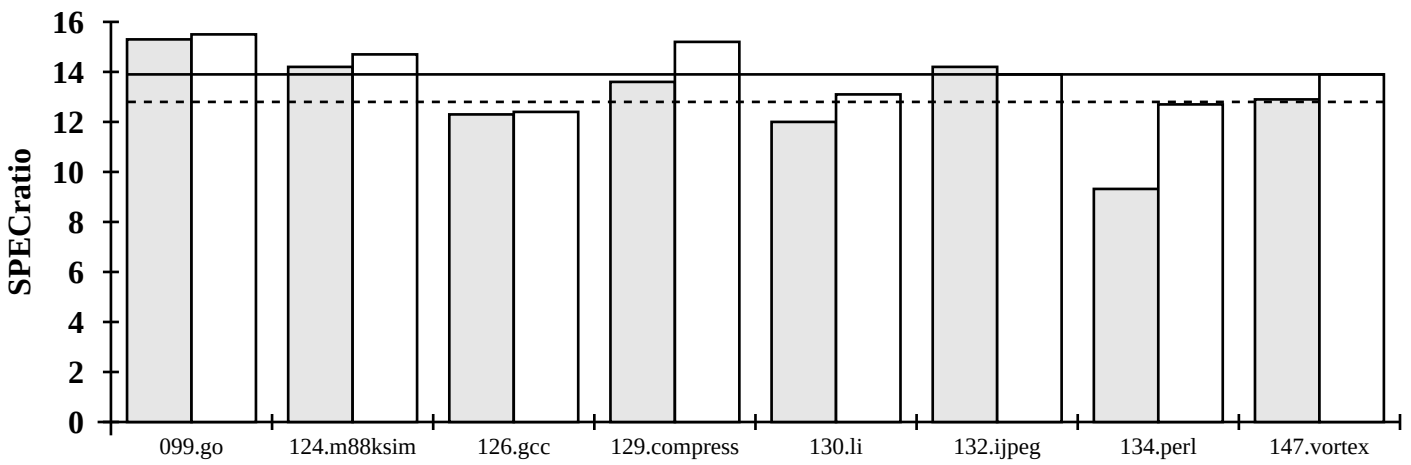
IBM Corporation
RS/6000 SP-222 MHz High Node (1 CPU)

SPECint95 = 13.9

SPECint_base95 = 12.8

SPEC license # 11	Tested By: IBM, Austin, TX	Test Date: Oct-99	Hardware Avail: Oct-99	Software Avail: Sep-99



Hardware/Software Configuration for:
RS/6000 SP-222 MHz High Node (1 CPU)

Hardware

Model Name:	RS/6000 SP-222 MHz High Node (1 CPU)
CPU:	222 MHz POWER3
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:	8 GB
Disk Subsystem:	2 x 18.2GB
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	301	15.3	297	15.5
124.m88ksim	1900	134	14.2	129	14.7
126.gcc	1700	139	12.3	137	12.4
129.compress	1800	132	13.6	118	15.2
130.li	1900	159	12.0	145	13.1
132.ijpeg	2400	169	14.2	173	13.9
134.perl	1900	204	9.32	149	12.7
147.vortex	2700	210	12.9	194	13.9
SPECint_base95 (G. Mean)			12.8		
		SPECint95 (G. Mean)			13.9

Notes/Tuning Information

```
Portability Flags: gcc -ma; perl -DI_TIME -DI_SYS_TIME
Base:   -O4 -Q=500 -qpdf1/pdf2 -lhmu
Peak
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
NOTE: 2 CPUs were installed, but only 1 was enabled. The service processor menu
.     was used to disable one of the processors.
```

For More Information Contact: SPEC info@spec.org http://www.spec.org/

-- Prepared By: David Whitworth <davidw@austin.ibm.com>