SPEC CINT95rate Results

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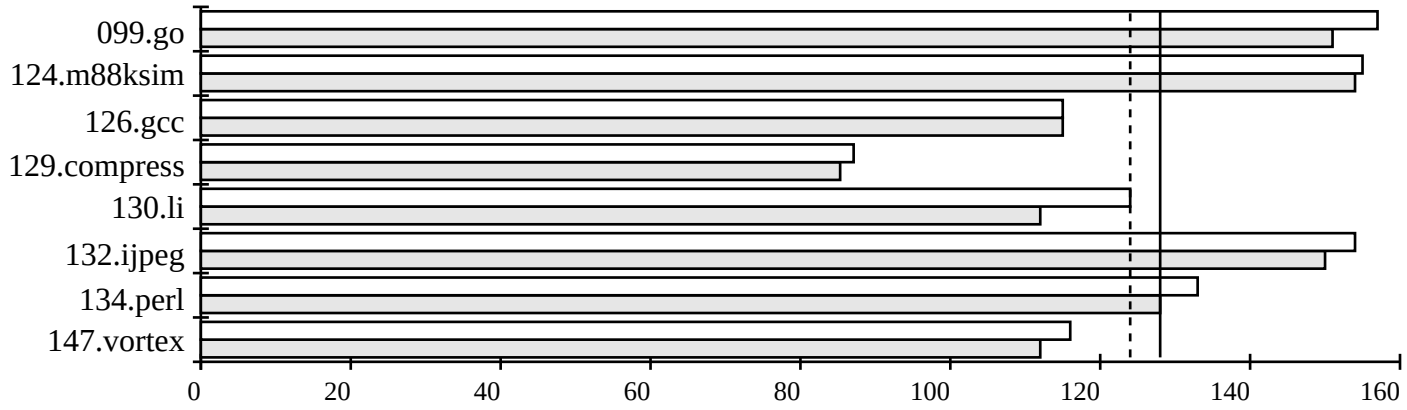
IBM Corporation
RISC System/6000 H50 (1 CPU)

SPECint_rate95 = 128

SPECint_rate_base95 = 124

SPEC license # 11 | Tested By: IBM, Austin, TX | Test Date: Jul-99 | Hardware Avail: Feb-98 | Software Avail: Dec-98



SPECrate

Hardware/Software Configuration for:
RISC System/6000 H50 (1 CPU)

Hardware

Model Name:	RS/6000 H50 (1 CPU)
CPU:	332 MHz PowerPC 604e
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	32KBI+32KBD on chip
Secondary Cache:	256KB(I+D) off chip
Other Cache:	None
Memory:	2 GB
Disk Subsystem:	6x2.2GB
Other Hardware:	None

Software

Operating System:	AIX 4.3.2
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	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	1	275	151	1	264	157
124.m88ksim	1	111	154	1	110	155
126.gcc	1	133	115	1	133	115
129.compress	1	190	85.3	1	186	87.1
130.li	1	152	112	1	138	124
132.ijpeg	1	144	150	1	140	154
134.perl	1	133	128	1	129	133
147.vortex	1	217	112	1	209	116
SPECint_rate_base95 (G. Mean)			124			
			SPECint_rate95 (G. Mean)			128

Notes/Tuning Information

```
Compatibility Flags: gcc -ma -qlanglvl=ansi; perl -DI_TIME -DI_SYS_TIME
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
```

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