SPEC CINT95rate Results

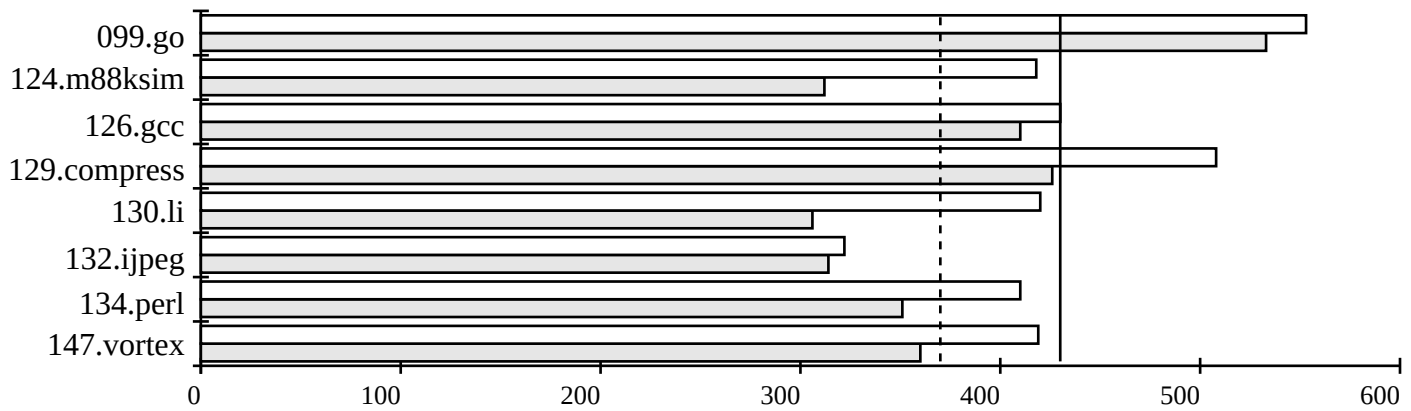
©Copyright 1995, Standard Performance Evaluation Corporation

IBM Corporation
RISC System/6000 H70 (3 CPU)

SPECint_rate95 = 430

SPECint_rate_base95 = 370

SPEC license # 11	Tested By: IBM, Austin, TX	Test Date: Mar-99	Hardware Avail: Apr-99	Software Avail: Nov-98



Hardware/Software Configuration for:
RISC System/6000 H70 (3 CPU)

Hardware

Model Name:	RS/6000 H70 (3 CPU)
CPU:	340 MHz PowerPC RS64-II
FPU:	Integrated
Number of CPU(s):	3
Primary Cache:	64KBI+64KBD on chip
Secondary Cache:	4MB(I+D) off chip
Other Cache:	None
Memory:	2496 MB
Disk Subsystem:	2x4.5GB
Other Hardware:	None

Software

Operating System:	AIX 4.3.2
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	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	3	233	533	3	224	553
124.m88ksim	3	164	312	3	123	418
126.gcc	3	112	410	3	107	430
129.compress	3	114	426	3	96	508
130.li	3	168	306	3	122	420
132.ijpeg	3	206	314	3	201	322
134.perl	3	146	351	3	125	410
147.vortex	3	202	360	3	174	419
SPECint_rate_base95 (G. Mean)			370			
			SPECint_rate95 (G. Mean)			430

Notes/Tuning Information

```
Base: -O3 -Q=500 -lhmu -qpdf1/2
Peak:
099: -O3 -qarch=ppc -qipa=noobject -Q=500 -lhm -lhu
124: -O3 -qarch=rs64b -qtune=rs64b -qipa=noobject -Q=100 -qansialias -qpdf1/2;
fdpr -R3
126: -O -qdatalocal -qassert=addr -qinlglue -qpdf1/2 -bnso
-bI:/lib/syscalls.exp; fdpr -R3
129: -qipa=noobject:level=2 -Q=200 -qassert=allp -qunroll=5
130: -O3 -qarch=ppc -qipa=noobject -qlibansi -qpdf1/2; fdpr -R3
132: -O3 -qarch=ppc -qtune=604 -qunroll=4 -bnso -bI:/lib/syscalls.exp
134: -O3 -qarch=ppc -qipa=noobject -Q=200 -qinlglue -Dsetjmp=_setjmp
-Dlongjmp=_longjmp -qansialias -qunroll=4 -qpdf1/2 -bnso
-bI:/lib/syscalls.exp /usr/ccs/lib/bmalloc.o
147: -O3 -qarch=ppc -qtune=604 -qipa=noobject -Q=500 -lhm -lhu -qpdf1/2
```

For More Information Contact:
SPEC
10754 Ambassador Drive, Suite 201
Manassas, VA 20109
(703) 331-0180
info@spec.org
http://www.spec.org/

-- Prepared By: --