SPEC CINT95rate Results

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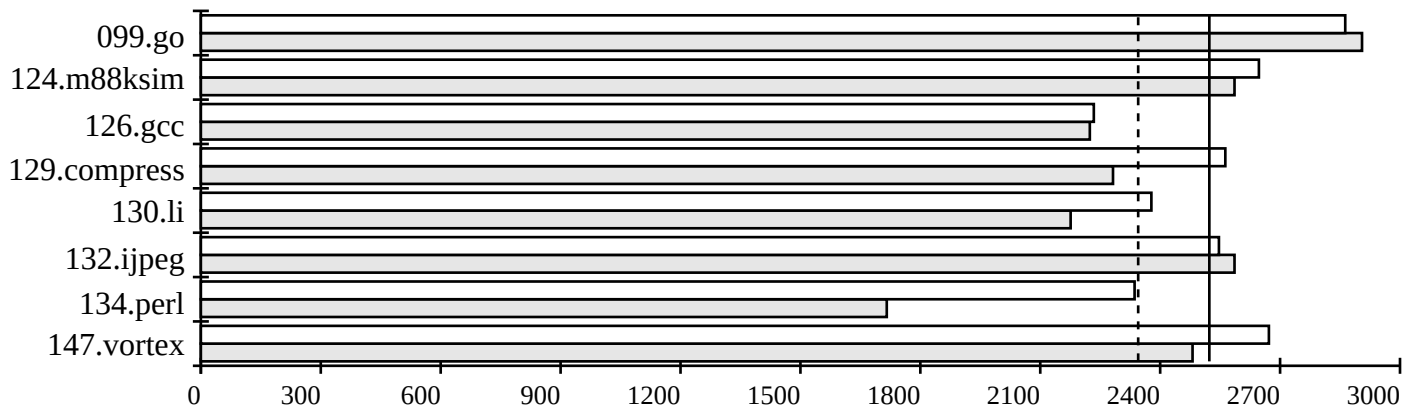
IBM Corporation
RS/6000 SP-375MHz High Node (12 CPU)

SPECint_rate95 = 2523

SPECint_rate_base95 = 2345

SPEC license # 11	Tested By: IBM, Austin, TX	Test Date: Jun-2000	Hardware Avail: Aug-2000	Software Avail: Jul-2000



Hardware/Software Configuration for:
RS/6000 SP-375MHz High Node (12 CPU)

Hardware

Model Name:	RS/6000 SP-375MHz High Node (12 CPU)
CPU:	375 MHz POWER3-II
FPU:	Integrated
Number of CPU(s):	12
Primary Cache:	32KBI+64KBD (on chip)
Secondary Cache:	8MB unified (off chip,per CPU)
Other Cache:	None
Memory:	32GB
Disk Subsystem:	2x18GB SCSI, 7200RPM
Other Hardware:	Ethernet

Software

Operating System:	AIX 4.3.3 plus beta of APAR IY11202
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	12	171	2905	12	173	2863
124.m88ksim	12	79.4	2586	12	78	2647
126.gcc	12	82.5	2224	12	82	2234
129.compress	12	85.2	2282	12	76	2563
130.li	12	94.3	2176	12	86	2378
132.ijpeg	12	100	2586	12	102	2547
134.perl	12	120	1716	12	88	2336
147.vortex	12	118	2481	12	109	2672
SPECint_rate_base95 (G. Mean)			2345			
			SPECint_rate95 (G. Mean)			2523

Notes/Tuning Information

```
Compatibility Flags: gcc -ma; perl -DI_TIME -DI_SYS_TIME
Base:   -O4 -Q=500 -qpdf1/pdf2 -lhmu
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: 16 CPUs were installed, but 4 were disabled via the service processor setup menu.
```