SPEC CINT95rate Results

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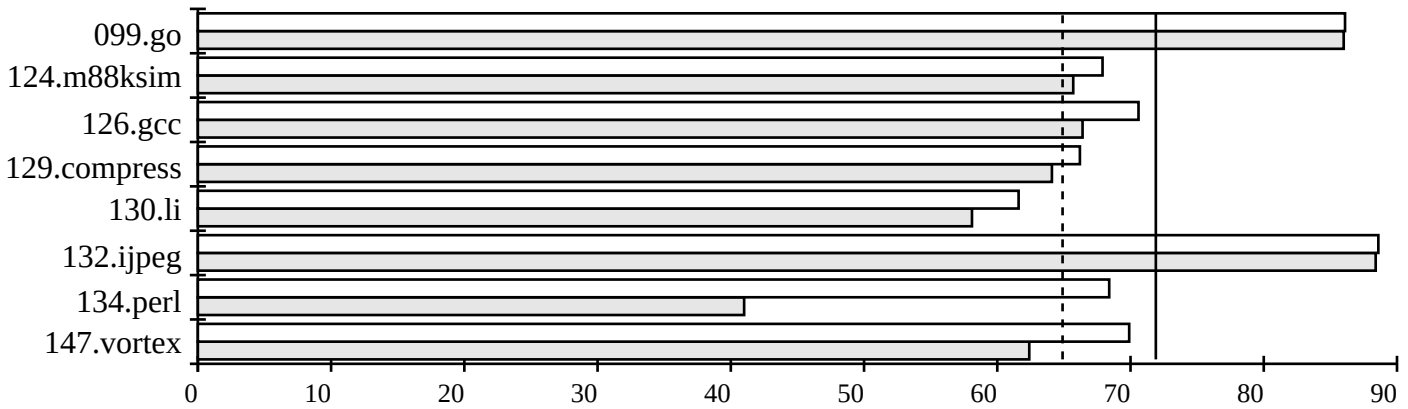
IBM Corporation
RISC System/6000 J40(2 CPUs)

SPECint_rate95 = 71.9

SPECint_rate_base95 = 64.9

SPEC license # 11	Tested By: IBM, Austin TX	Test Date: Jun-96	Hardware Avail: Aug-96	Software Avail: Apr-96



Hardware/Software Configuration for:
RISC System/6000 J40(2 CPUs)

Hardware

Model Name:	RISC System/6000 J40(2 CPUs)
CPU:	112MHz PowerPC 604
FPU:	Integrated
Number of CPU(s):	2
Primary Cache:	16KBI + 16KBD
Secondary Cache:	1MB(I+D) per cpu
Other Cache:	None
Memory:	1GB
Disk Subsystem:	2 x 2.1GB
Other Hardware:	None

Software

Operating System:	AIX 4.1.4
Compiler:	IBM CSet++ 3.1.3
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	2	963	86.0	2	961	86.1
124.m88ksim	2	521	65.7	2	503	67.9
126.gcc	2	461	66.4	2	434	70.6
129.compress	2	505	64.1	2	489	66.2
130.li	2	588	58.1	2	555	61.6
132.ijpeg	2	489	88.4	2	488	88.6
134.perl	2	834	41.0	2	500	68.4
147.vortex	2	778	62.4	2	695	69.9
SPECint_rate_base95 (G. Mean)			64.9			
SPECint_rate95 (G. Mean)						71.9

Notes/Tuning Information

```
Base: -O3 -qarch=ppc -Q=500 -qpdf1/pdf2
Peak: all used -pdf1/pdf2 -bnso -bI:/lib/syscalls.exp
099: same as baseline
124: -O3 -qarch=ppc -Q=200
126: -O -qarch=ppc -qdatalocal -ma
129: -O -qarch=ppc -Q=200 -qdatalocal
130: -O3 -Q=200 -qdatalocal
132: same as baseline
134: -O3 -qarch=ppc -qdatalocal
147: -O3 -qarch=ppc -Q=200 -qdatalocal
```

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-- Prepared By: --