SPEC CINT95rate Results

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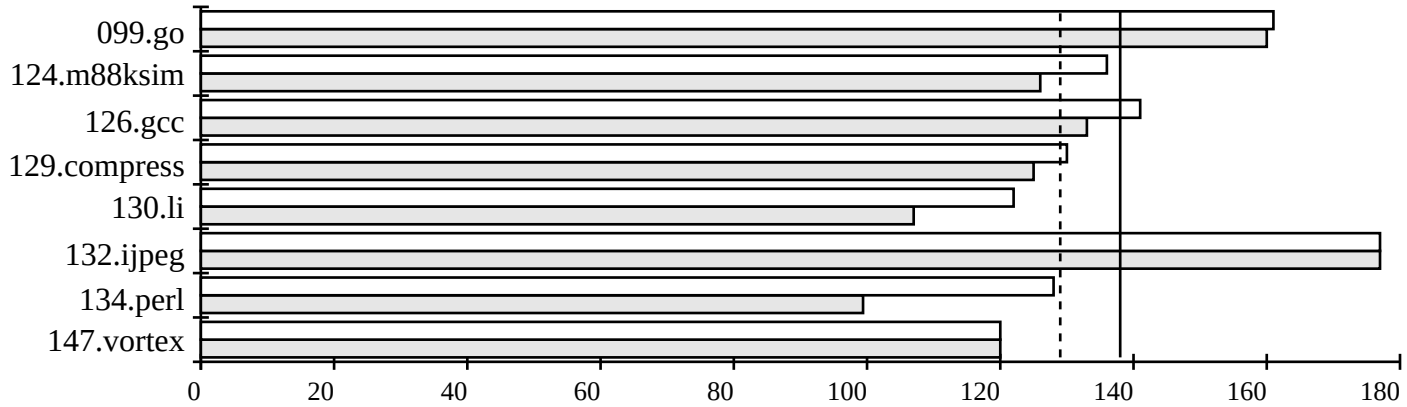
IBM Corporation
RISC System/6000 J40(4 CPUs)

SPECint_rate95 = 138

SPECint_rate_base95 = 129

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(4 CPUs)

Hardware

Model Name:	RISC System/6000 J40(4 CPUs)
CPU:	112MHz PowerPC 604
FPU:	Integrated
Number of CPU(s):	4
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	4	1035	160	4	1027	161
124.m88ksim	4	542	126	4	503	136
126.gcc	4	459	133	4	434	141
129.compress	4	517	125	4	499	130
130.li	4	642	107	4	560	122
132.ijpeg	4	489	177	4	488	177
134.perl	4	688	99.4	4	533	128
147.vortex	4	810	120	4	809	120
SPECint_rate_base95 (G. Mean)			129			
			SPECint_rate95 (G. Mean)			138

Notes/Tuning Information

```
Base: -O3 -qarch=ppc -Q=500 -qpdf1/pdf2
Peak: all used -pdf1/pdf2 -bnso -bI:/lib/syscalls.exp
099: -O -qarch=ppc -Q=200
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: -O -Q=100
134: -O3 -qarch=ppc -qdatalocal
147: same as baseline
```

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-- Prepared By: --