SPEC CINT95rate Results

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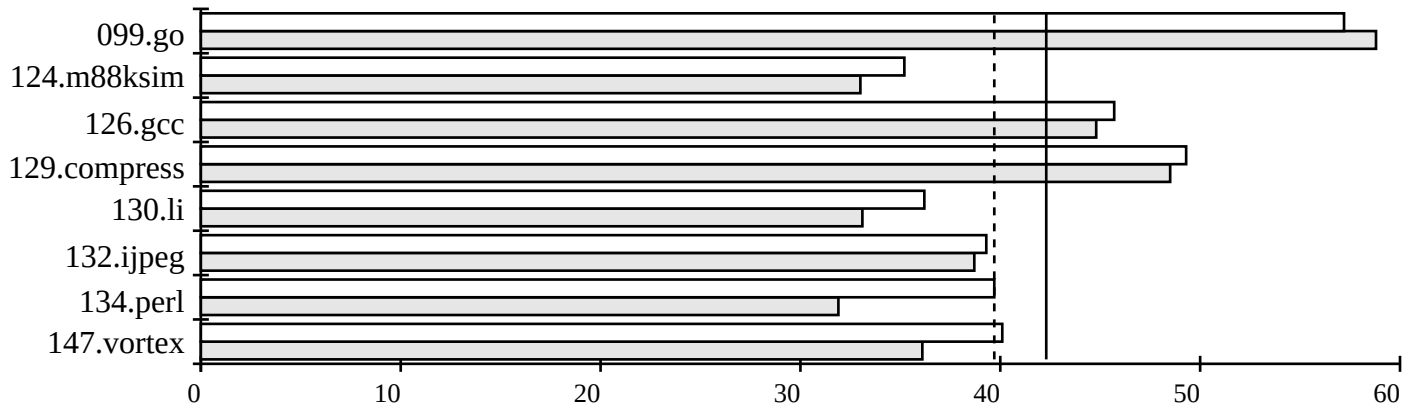
IBM Corporation
RISC System/6000 J30

SPECint_rate95 = 42.3

SPECint_rate_base95 = 39.7

SPEC license # 11	Tested By: IBM, Austin TX	Test Date: Jan-96	Hardware Avail: Sep-95	Software Avail: Dec-95



Hardware/Software Configuration for:
RISC System/6000 J30

Hardware

Model Name:	RISC System/6000 J30
CPU:	75MHz PowerPC 601
FPU:	Integrated
Number of CPU(s):	2
Primary Cache:	32KB(I+D) on chip
Secondary Cache:	1MB(I+D) off chip per cpu
Other Cache:	None
Memory:	2GB
Disk Subsystem:	2 x 2.2 GB
Other Hardware:	None

Software

Operating System:	AIX 4.1.4
Compiler:	IBM CSet++ Vers. 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	1408	58.8	2	1447	57.2
124.m88ksim	2	1037	33.0	2	971	35.2
126.gcc	2	684	44.8	2	670	45.7
129.compress	2	668	48.5	2	658	49.3
130.li	2	1032	33.1	2	946	36.2
132.ijpeg	2	1117	38.7	2	1099	39.3
134.perl	2	1072	31.9	2	862	39.7
147.vortex	2	1347	36.1	2	1212	40.1
SPECint_rate_base95 (G. Mean)			39.7			
SPECint_rate95 (G. Mean)						42.3

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: -O3 -qarch=ppc -Q=200 -qdatalocal
```

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