SPEC CINT95rate Results

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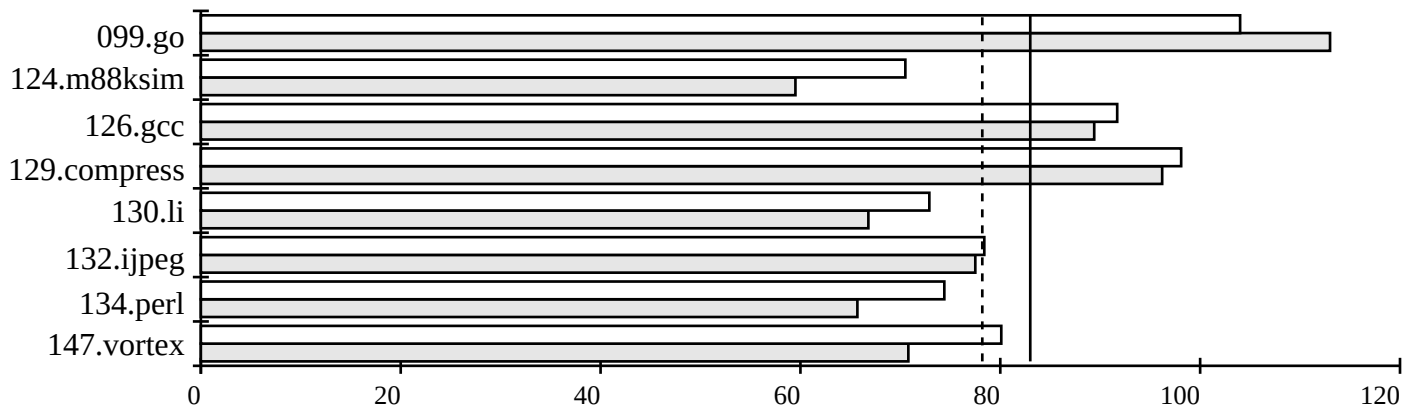
IBM Corporation
RISC System/6000 J30

SPECint_rate95 = 83.0

SPECint_rate_base95 = 78.2

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):	4
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	4	1461	113	4	1586	104
124.m88ksim	4	1150	59.5	4	971	70.5
126.gcc	4	685	89.4	4	667	91.7
129.compress	4	673	96.2	4	661	98.1
130.li	4	1025	66.8	4	938	72.9
132.ijpeg	4	1115	77.5	4	1102	78.4
134.perl	4	1041	65.7	4	919	74.4
147.vortex	4	1373	70.8	4	1214	80.1
SPECint_rate_base95 (G. Mean)			78.2			
SPECint_rate95 (G. Mean)						83.0

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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