SPEC CINT95rate Results

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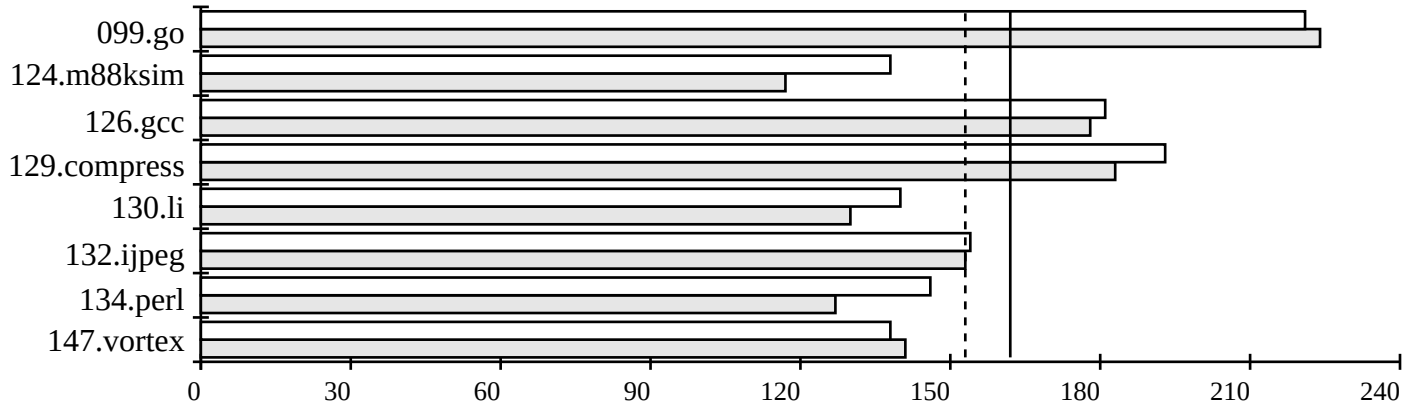
IBM Corporation
RISC System/6000 J30

SPECint_rate95 = 162

SPECint_rate_base95 = 153

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):	8
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	8	1476	224	8	1502	221
124.m88ksim	8	1165	117	8	994	138
126.gcc	8	686	178	8	677	181
129.compress	8	707	183	8	670	193
130.li	8	1049	130	8	976	140
132.ijpeg	8	1133	153	8	1119	154
134.perl	8	1075	127	8	937	146
147.vortex	8	1378	141	8	1405	138
SPECint_rate_base95 (G. Mean)			153			
		SPECint_rate95 (G. Mean)				162

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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