SPEC CINT95 Results

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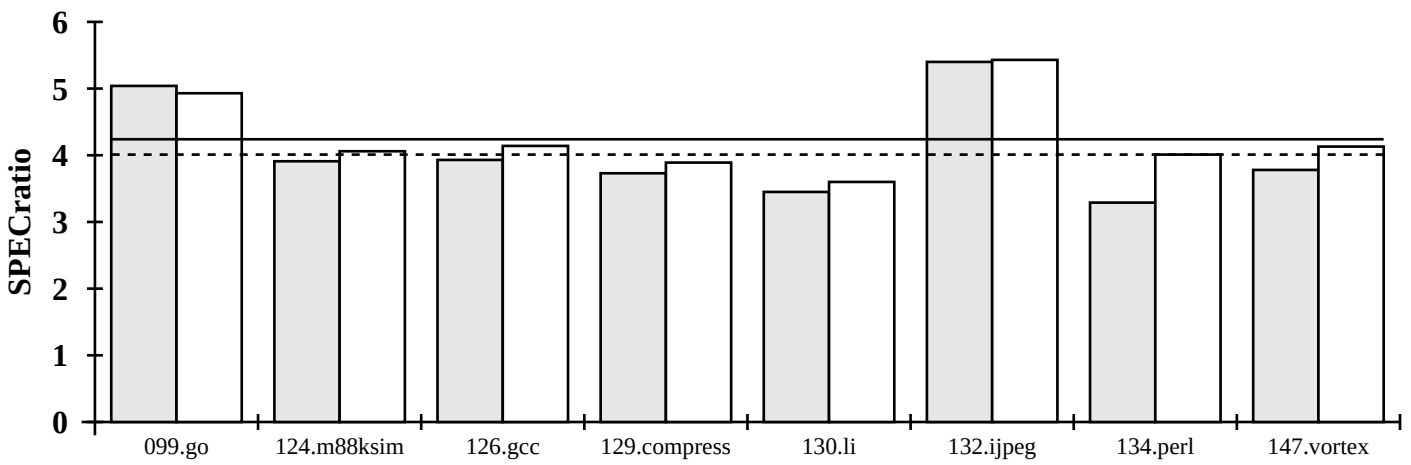
IBM Corporation
RISC System/6000 43P

SPECint95 = 4.24

SPECint_base95 = 4.01

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



Hardware/Software Configuration for:
RISC System/6000 43P

Hardware

Model Name:	RISC System/6000 43P
CPU:	120MHz PowerPC 604
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI + 16KBD on chip
Secondary Cache:	512KB(I+D) off chip
Other Cache:	None
Memory:	64MB
Disk Subsystem:	1GB
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	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
099.go	4600	913	5.04	932	4.93
124.m88ksim	1900	485	3.91	468	4.06
126.gcc	1700	432	3.93	411	4.14
129.compress	1800	482	3.73	463	3.89
130.li	1900	551	3.45	528	3.60
132.ijpeg	2400	445	5.40	442	5.43
134.perl	1900	578	3.29	473	4.01
147.vortex	2700	713	3.78	654	4.13
SPECint_base95 (G. Mean)			4.01		
		SPECint95 (G. Mean)			4.24

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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