SPEC CINT95 Results

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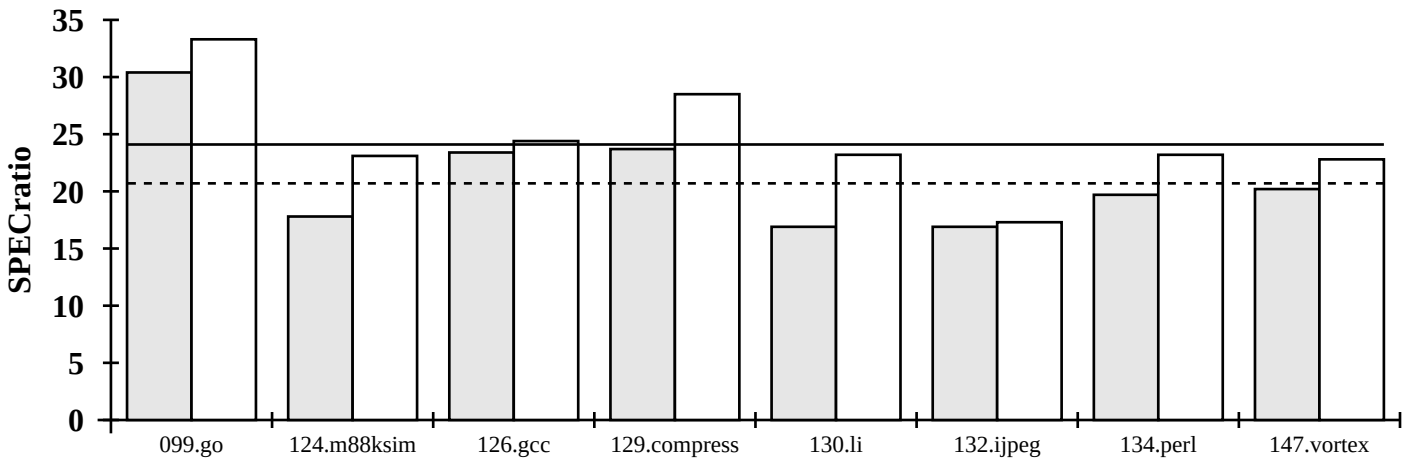
IBM Corporation
RS/6000 Model 7026-M80 (1 CPU)

SPECint95 = 24.1

SPECint_base95 = 20.7

SPEC license # 11	Tested By: IBM, Austin, TX	Test Date: Apr-2000	Hardware Avail: Jun-2000	Software Avail: May-2000



Hardware/Software Configuration for:
RS/6000 Model 7026-M80 (1 CPU)

Hardware

Model Name:	RS/6000 Model 7026-M80 (1 CPU)
CPU:	500MHz IBM PowerPC RS64-III
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	128KBI+128KBD on chip
Secondary Cache:	4MB(I+D) (off chip,per CPU)
Other Cache:	None
Memory:	4GB
Disk Subsystem:	2x9.1GB Ultra SCSI, 7200 RPM
Other Hardware:	None

Software

Operating System:	AIX 4.3.3 plus APAR IY09807
Compiler:	IBM C/C++ 3.6.4.0 memdbg 4.4.0.1 FDPR
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	151	30.4	138	33.3
124.m88ksim	1900	106	17.8	82	23.1
126.gcc	1700	72.7	23.4	70	24.4
129.compress	1800	76.1	23.7	63	28.5
130.li	1900	112	16.9	82	23.2
132.ijpeg	2400	142	16.9	139	17.3
134.perl	1900	96.5	19.7	82	23.2
147.vortex	2700	134	20.2	119	22.8
SPECint_base95 (G. Mean)			20.7		
		SPECint95 (G. Mean)			24.1

Notes/Tuning Information

```
Portability flags: gcc: -ma -qlanglvl=ansi  perl: -DI_TIME -DI_SYS_TIME
Base: -O3 -Q=500 -lhmu -qpdf1/2
Peak
099: -O3 -qarch=ppc -qipa=noobject -Q=500 -lhm -lhu
124: -O3 -qarch=rs64b -qtune=rs64b -qipa=noobject -Q=100 -qansialias
.    -qpdf1/2; fdpr -R3
126: -O -qdatalocal -qassert=addr -qinlglue -qpdf1/2 -bnso
.    -bI:/lib/syscalls.exp; fdpr -R3
129: -qipa=noobject:level=2 -Q=200 -qassert=allp -qunroll=5
130: -O3 -qarch=ppc -qipa=noobject -qlibansi -qpdf1/2; fdpr -R3
132: -O3 -qarch=ppc -qtune=604 -qunroll=4 -bnso -bI:/lib/syscalls.exp
134: -O3 -qarch=ppc -qipa=noobject -Q=200 -qinlglue -Dsetjmp=_setjmp
.    -Dlongjmp=_longjmp -qansialias -qunroll=4 -qpdf1/2 -bnso
.    -bI:/lib/syscalls.exp /usr/ccs/lib/bmalloc.o
147: -O3 -qarch=ppc -qtune=604 -qipa=noobject -Q=500 -lhm -lhu -qpdf1/2
NOTE: 8 CPUs were installed, but 7 were disabled via the service
      processor setup menu.
```