SPEC CINT95rate Results

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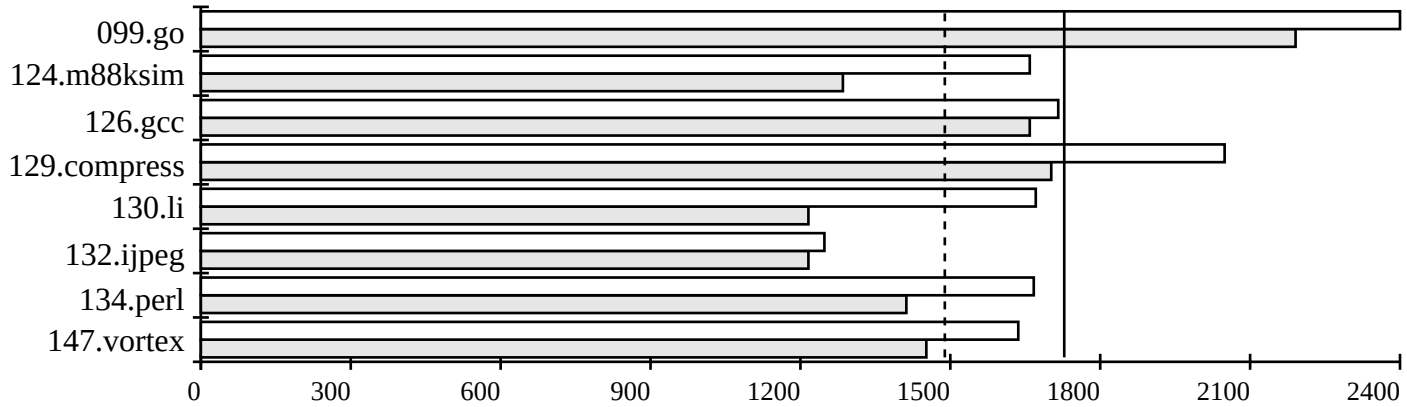
IBM Corporation
RS/6000 Model 7026-M80 (8 CPU)

SPECint_rate95 = 1728

SPECint_rate_base95 = 1489

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 (8 CPU)

Hardware

Model Name:	RS/6000 Model 7026-M80 (8 CPU)
CPU:	500MHz IBM PowerPC RS64-III
FPU:	Integrated
Number of CPU(s):	8
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	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
099.go	8	151	2191	8	138	2400
124.m88ksim	8	106	1285	8	82	1659
126.gcc	8	73.8	1659	8	71	1716
129.compress	8	76.1	1702	8	63	2049
130.li	8	112	1216	8	82	1671
132.ijpeg	8	142	1216	8	138	1248
134.perl	8	96.9	1412	8	82	1667
147.vortex	8	134	1452	8	119	1636
SPECint_rate_base95 (G. Mean)			1489			
			SPECint_rate95 (G. Mean)			1728

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
```