# SPEC CINT95rate Results

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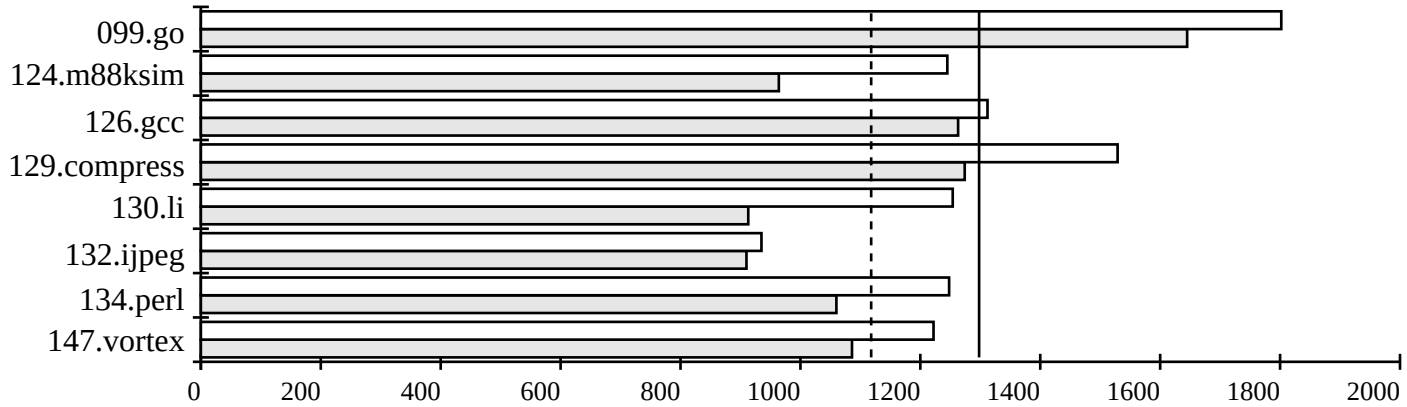
## IBM Corporation
## RS/6000 7026-H80 (6 CPU)

SPECint_rate95 = 1298

SPECint_rate_base95 = 1118

| 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 7026-H80 (6 CPU)

**Hardware**

| | |
|---|---|
| Model Name: | RS/6000 Model 7026-H80 (6 CPU) |
| CPU: | 500 MHz PowerPC RS64-III |
| FPU: | Integrated |
| Number of CPU(s): | 6 |
| Primary Cache: | 128KBI+128KBD on chip |
| Secondary Cache: | 4MB(I+D) (off chip, per CPU) |
| Other Cache: | None |
| Memory: | 2GB |
| Disk Subsystem: | 1x4.5GB Ultra SCSI, 1x9.1GB SSA |
| Other Hardware: | None |

**Software**

| | |
|---|---|
| Operating System: | AIX 4.3.3 plus APAR IY09807 |
| Compiler: | IBM C/C++ 3.6.4.0<br>memdbg 4.4.0.1<br>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 | 6 | 151 | 1645 | 6 | 138 | 1802 |
| 124.m88ksim | 6 | 106 | 964 | 6 | 82 | 1245 |
| 126.gcc | 6 | 72.7 | 1263 | 6 | 70 | 1312 |
| 129.compress | 6 | 76.3 | 1274 | 6 | 64 | 1529 |
| 130.li | 6 | 112 | 913 | 6 | 82 | 1254 |
| 132.ijpeg | 6 | 142 | 910 | 6 | 139 | 935 |
| 134.perl | 6 | 96.8 | 1060 | 6 | 82 | 1248 |
| 147.vortex | 6 | 134 | 1086 | 6 | 119 | 1222 |
| SPECint_rate_base95 (G. Mean) | | | 1118 | | | |
| | | | SPECint_rate95 (G. Mean) | | | 1298 |

### 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
```