# SPEC CINT95rate Results

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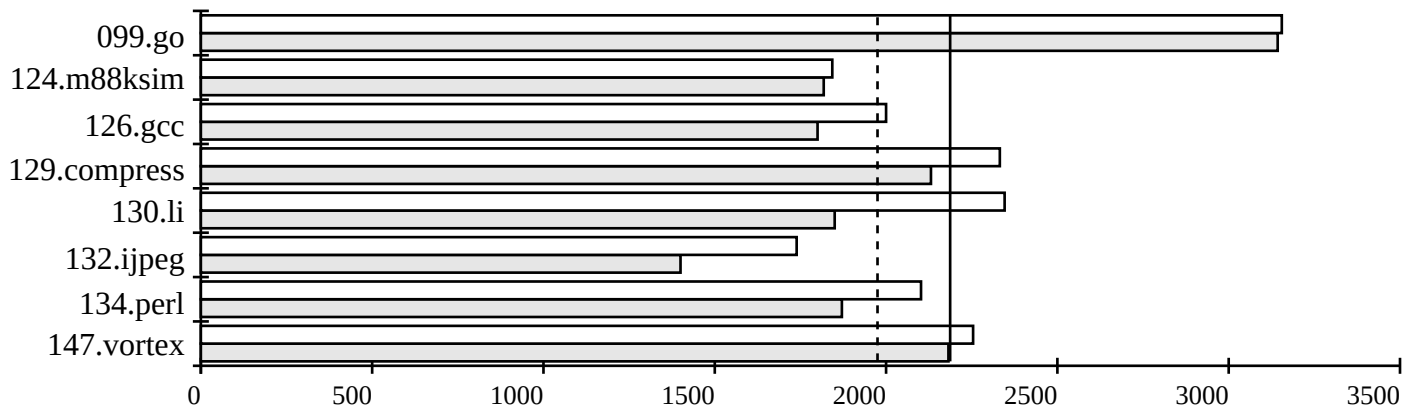
## BULL S.A.
## EPC2400 (12 CPU)

SPECint_rate95 = 2187

SPECint_rate_base95 = 1975

| SPEC license # 20 | Tested By: BULL Echirolles France | Test Date: Oct-99 | Hardware Avail: Oct-99 | Software Avail: Oct-99 |
|---|---|---|---|---|




Hardware/Software Configuration for:
EPC2400 (12 CPU)

**Hardware**

| | |
|---|---|
| Model Name: | EPC2400 (12 CPU) |
| CPU: | 450MHz PowerPC RS64-III |
| FPU: | Integrated |
| Number of CPU(s): | 12 |
| Primary Cache: | 128KBI + 128KBD on chip |
| Secondary Cache: | 8MB(I+D) off chip |
| Other Cache: | None |
| Memory: | 8192 MB |
| Disk Subsystem: | 2 x 9.1GB |
| Other Hardware: | -- |

**Software**

| | |
|---|---|
| Operating System: | AIX 4.3.3.0 |
| Compiler: | IBM C/C++ Ver. 3.6.6.0 |
| File System: | AIX/JFS, Fast SCSI |
| System State: | Multi-User (killall) |

| Benchmark # and Name | Base Copies | Base Run Time | Base SPEC Ratio | Copies | Run Time | SPEC Ratio |
|---|---|---|---|---|---|---|
| 099.go | 12 | 158 | 3143 | 12 | 157 | 3155 |
| 124.m88ksim | 12 | 113 | 1818 | 12 | 111 | 1843 |
| 126.gcc | 12 | 102 | 1800 | 12 | 92 | 2000 |
| 129.compress | 12 | 91.2 | 2131 | 12 | 83 | 2332 |
| 130.li | 12 | 111 | 1850 | 12 | 87 | 2346 |
| 132.ijpeg | 12 | 185 | 1400 | 12 | 149 | 1739 |
| 134.perl | 12 | 110 | 1871 | 12 | 98 | 2102 |
| 147.vortex | 12 | 134 | 2182 | 12 | 129 | 2254 |
| SPECint_rate_base95 (G. Mean) | | | 1975 | | | |
| SPECint_rate95 (G. Mean) | | | | | | 2187 |

### Notes/Tuning Information

```
Base: -O4 -Q=450 -lhmu -qpdf1/2
Peak:
099: -O4 -Q=550 -qipa=noobject -lhmu -qpdf1/2
124: -O4 -Q=450 -qipa=noobject -qansialias  -qpdf1/2; fdpr -R3
126: -O -qdatalocal -qassert=addr -qinglue -qpdf1/2
-bnso -bI:/lib/syscalls.exp; fdpr -R3
129: -O3 -Q=500 -lhmu -qpdf1/2
130: -O3 -qarch=ppc -qipa=noobject -qlibansi -qpdf1/2; fdpr -R3
132: -O3 -qarch=ppc -qtune=604 -qunroll=4 -bnso
/lib/syscalls.exp
134: -O3 -qarch=ppc -qipa=noobject -Q=200 -qinglue
-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
```

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