# SPEC CINT95rate Results

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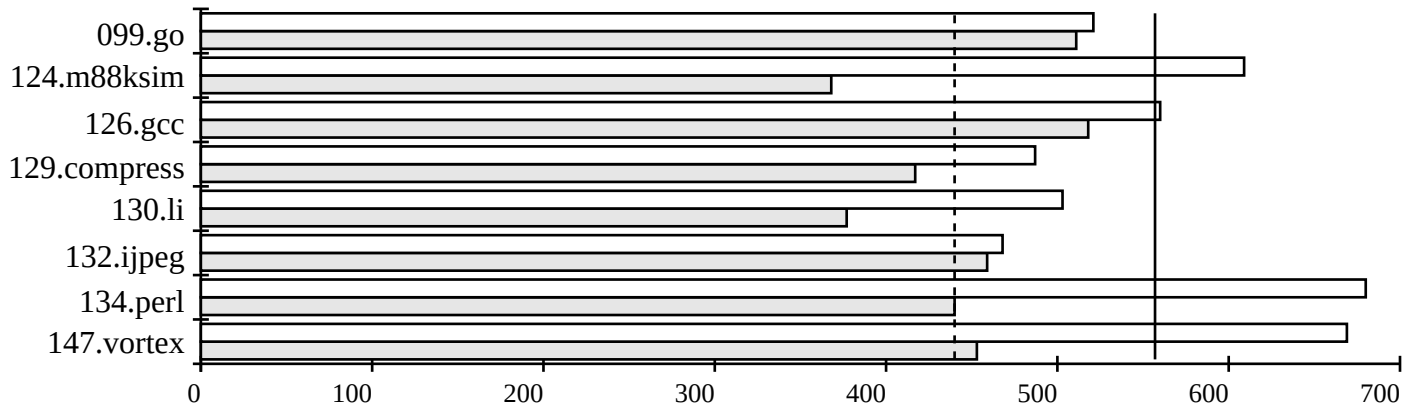
## FUJITSU LIMITED
## GP7000F Model600 275

SPECint_rate95 = 557

SPECint_rate_base95 = 440

| SPEC license # 19 | Tested By: FUJITSU LIMITED | Test Date: Dec-98 | Hardware Avail: Dec-98 | Software Avail: Dec-98 |
|---|---|---|---|---|




Hardware/Software Configuration for:
GP7000F Model600 275

**Hardware**

| | |
|---|---|
| Model Name: | FUJITSU GP7000F Model600 275 |
| CPU: | 272MHz SPARC64 GP |
| FPU: | Integrated |
| Number of CPU(s): | 4 |
| Primary Cache: | 64KBI+64KBD on chip, 4way |
| Secondary Cache: | 8.0MB(I+D) off chip |
| Other Cache: | None |
| Memory: | 4096MB |
| Disk Subsystem: | 2 x 9.0GB |
| Other Hardware: | Ethernet |

**Software**

| | |
|---|---|
| Operating System: | Solaris 2.6 HW:5/98 |
| Compiler: | Sun C5.0 Early Access |
| File System: | UFS |
| System State: | Single User |
| Kernel Extensions: | set consistent_coloring=1 |

| Benchmark # and Name | Base Copies | Base Run Time | Base SPEC Ratio | Copies | Run Time | SPEC Ratio |
|---|---|---|---|---|---|---|
| 099.go | 4 | 324 | 511 | 6 | 477 | 521 |
| 124.m88ksim | 4 | 186 | 368 | 4 | 112 | 609 |
| 126.gcc | 4 | 118 | 518 | 6 | 164 | 560 |
| 129.compress | 4 | 156 | 417 | 4 | 133 | 487 |
| 130.li | 4 | 181 | 377 | 4 | 136 | 503 |
| 132.ijpeg | 4 | 188 | 459 | 4 | 185 | 468 |
| 134.perl | 4 | 156 | 440 | 4 | 101 | 680 |
| 147.vortex | 4 | 214 | 453 | 4 | 145 | 669 |
| SPECint_rate_base95 (G. Mean) | | | 440 | | | |
| | | | SPECint_rate95 (G. Mean) | | | 557 |

## Notes/Tuning Information

```
CULTRA= -xarch=v8plus -xcache=16/32/1:2048/64/1; MULX=-Wc,-Qiselect-imulx=1;
P1=-xprofile=collect:'pwd'/../feedback; P2=-xprofile=use:'pwd'/../feedback
Baseline: -xO4 ${MULX} -xarch=v8plus; PASS1=${P1}; PASS2=${P2}
099.go: -fast -xO5 -xsafe=mem -xrestrict -xarch=v8plus -W2,-O4+ansi_alias+cond_elim+bopt ${MULX} ${P2} -dn
124.m88ksim: -fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile -xrestrict
124.m88ksim: -W2,-O4+cond_elim+bopt+pde,-ldstr,-Mt8500 ${MULX} ${P2} -dn
126.gcc: -fast -xO4 -xarch=v8plus -W2,-ANSI_S,-Mp1,-O4+ansi_alias+cond_elim+pde,-ldstr,-Mt500
126.gcc: -Wc,-Qiselect-sw_pf_tbl_th=30 ${MULX} -xsafe=mem ${P2}
129.compress: -fast -xO5 -xsafe=mem -xarch=v8plus -xrestrict
129.compress: -W2,-O4+ansi_alias+cond_elim+pde -Wc,-Qms_pipe+unoovf ${MULX} ${P2} -dn
130.li: PASS1= -fast -xO4 -xarch=v8plus -xcrossfile ${MULX} ${P2}
130.li: PASS2= -fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile
130.li: -W2,-O4+ansi_alias+cond_elim+pde,-Mt350,-whole,-crit ${P2} -dn
132.ijpeg: -fast -xO5 -xsafe=mem  -xarch=v8plus -W2,-O4+ansi_alias+cond_elim ${MULX} ${P2} -dn
134.perl: -fast -xO4 ${CULTRA} -xcrossfile -W2,-ANSI_S,-Mp1,-O4+cond_elim
134.perl: -Wc,-Qiselect-sw_pf_tbl_th=30 ${MULX} ${P2} -lfast -dn
147.vortex: PASS1= -fast -xO4 -xarch=v8plus -xcrossfile ${MULX} ${P2}
147.vortex: PASS2= -fast -xO5 -xsafe=mem -xarch=v8plus -xcrossfile ${MULX} ${P2}
147.vortex: -W2,-O4+cond_elim,-Mt500,-Mr6000,-crit -dn
Portability: 124.m88ksim, 132.ijpeg: -DSYSV -Xc, 126.gcc: -Dalloca=__builtin_alloca -Xc; others: -Xc
Shell limits: ulimit -n 1024; ulimit -s 81920
lbarnes@hal.com
Mon Feb  1 21:38:33 1999
cpu95 19990201-03412.sub
```

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