# SPEC CFP95rate Results

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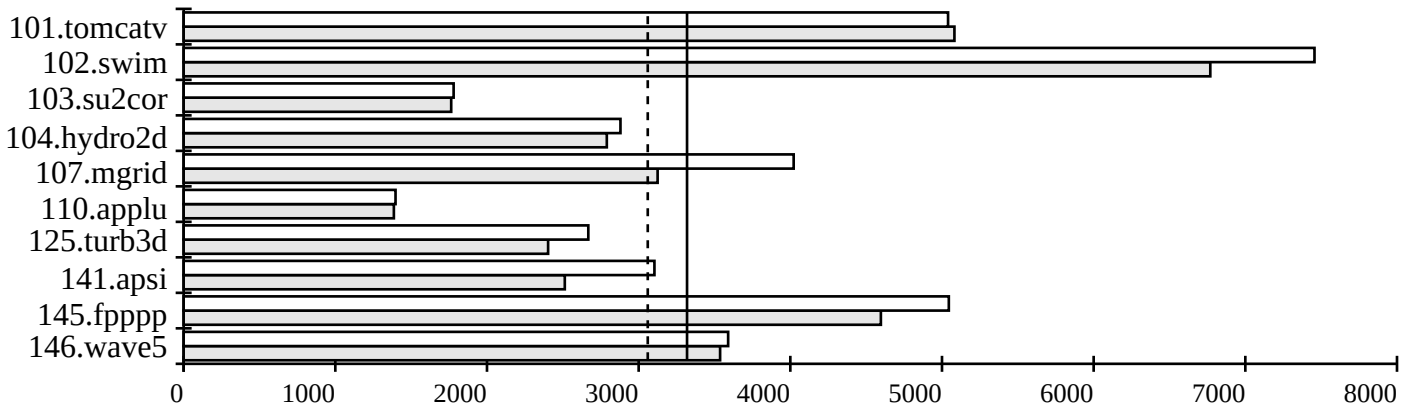
## Fujitsu Limited
## GP7000F Model 1000 (300MHz)

SPECfp_rate95 = 3319

SPECfp_rate_base95 = 3060

| SPEC license # 19 | Tested By: Fujitsu Limited | Test Date: Mar-2000 | Hardware Avail: Jan-2000 | Software Avail: Jan-2000 |
|---|---|---|---|---|




**SPECrate**

Hardware/Software Configuration for:
GP7000F Model 1000 (300MHz)

**Hardware**

| | |
|---|---|
| Model Name: | Fujitsu GP7000F Model 1000 |
| CPU: | 300MHz SPARC64 GP |
| FPU: | Integrated |
| Number of CPU(s): | 16 |
| Primary Cache: | 64KBI+64KBD on chip, 4way |
| Secondary Cache: | 8.0MB(I+D) off chip, per cpu |
| Other Cache: | None |
| Memory: | 16GB |
| Disk Subsystem: | 1 x 9GB 10,000rpm (OS)<br>1 x GR700(20 x 9GB 10,000rpm) |
| Other Hardware: | Ethernet |

**Software**

| | |
|---|---|
| Operating System: | Solaris 7 HW:8/99 |
| Compiler: | Fujitsu Fortran V4.0.2 |
| File System: | UFS |
| System State: | Multi User |
| Kernel Extensions: | set consistent_coloring=1 |

| Benchmark # and Name | Base Copies | Base Run Time | Base SPEC Ratio | Copies | Run Time | SPEC Ratio |
|---|---|---|---|---|---|---|
| 101.tomcatv | 16 | 105 | 5082 | 16 | 106 | 5040 |
| 102.swim | 16 | 183 | 6769 | 16 | 166 | 7456 |
| 103.su2cor | 16 | 114 | 1764 | 16 | 113 | 1780 |
| 104.hydro2d | 16 | 124 | 2790 | 16 | 120 | 2880 |
| 107.mgrid | 16 | 115 | 3125 | 16 | 90 | 4022 |
| 110.applu | 16 | 229 | 1386 | 16 | 227 | 1397 |
| 125.turb3d | 16 | 246 | 2403 | 16 | 221 | 2668 |
| 141.apsi | 16 | 120 | 2513 | 16 | 97 | 3104 |
| 145.fpppp | 16 | 301 | 4597 | 16 | 274 | 5045 |
| 146.wave5 | 16 | 122 | 3537 | 16 | 120 | 3590 |
| SPECfp_rate_base95 (G. Mean) | | | 3060 | | | |
| | | | SPECfp_rate95 (G. Mean) | | | 3319 |

### Notes/Tuning Information

```
Baseline flags were: -Kfast,V8PFMADD,prefetch,gs
Nonbaseline: PEAKOPT = -X7 -Kfast,V8PFMADD,gs,prefetch  EXTRA_FFLAGS = -dn
101.tomcatv: ${PEAKOPT} -KGREG,eval
102.swim: ${PEAKOPT} -KGREG,preex -Koffset=140
103.su2cor: ${PEAKOPT}
104.hydro2d: ${PEAKOPT} -Keval
107.mgrid: ${PEAKOPT} -KGREG,commonpad,eval
110.applu: ${PEAKOPT} -KGREG
125.turb3d: ${PEAKOPT} -KGREG,commonpad,eval -Ksp=0 -x-
141.apsi: ${PEAKOPT} -KGREG,auto,preex,eval
145.fpppp: ${PEAKOPT} -Keval,nounroll,preex
146.wave5: ${PEAKOPT} -KGREG,auto,nofuse -x10
Shell limits: ulimit -n 1024; ulimit -s 81920;
Disk Subsystem:
1 x GR700, RAID-0 striped across 20 x 9GB, 10,000rpm disks with 64KB stripe size
```

For More Information Contact: SPEC info@spec.org http://www.spec.org/

-- Prepared By: --