CFP2000 Result

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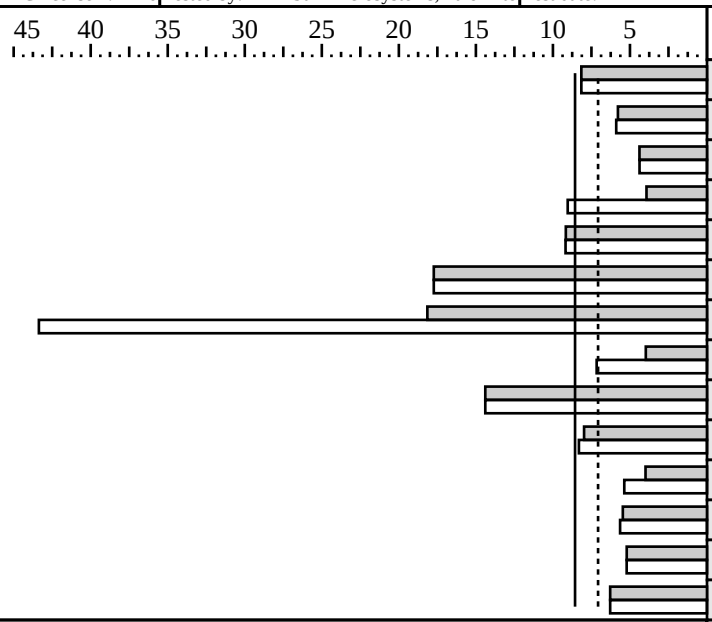
Sun Microsystems
Sun Blade 1000 Model 2750

SPECfp_rate2000 = 8.56

SPECfp_rate_base2000 = 7.07

SPEC license #: 6 | Tested by: Sun Microsystems, Palo Alto | Test date: Jun-2001 | Hardware Avail: Sep-2000 | Software Avail: Jul-2001



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	455	8.16	2	455	8.16
171.swim	2	1244	5.78	2	1221	5.89
172.mgrid	2	953	4.38	2	954	4.38
173.applu	2	1241	3.93	2	539	9.04
177.mesa	2	354	9.16	2	354	9.18
178.galgel	2	379	17.7	2	379	17.7
179.art	2	332	18.1	2	139	43.4
183.equake	2	759	3.97	2	421	7.16
187.facerec	2	306	14.4	2	306	14.4
188.ammp	2	640	7.98	2	614	8.31
189.lucas	2	1163	3.99	2	864	5.37
191.fma3d	2	892	5.46	2	864	5.64
200.sixtrack	2	490	5.21	2	489	5.21
301.apsi	2	960	6.28	2	960	6.28

Hardware

CPU:	UltraSPARC-III
CPU MHz:	750
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip
CPU(s) orderable:	1-2
Parallel:	None
Primary Cache:	32KBI+64KBD on chip
Secondary Cache:	8MB(I+D) off chip
L3 Cache:	None
Other Cache:	None
Memory:	1GB
Disk Subsystem:	1 x 36GB
Other Hardware:	--

Software

Operating System:	Solaris 8 1/01
Compiler:	Forte Developer 6 update 2
File System:	UFS
System State:	Single User

Notes/Tuning Information

```
Portability:
 178.galgel: -e -fixed

Base Flags:
 Base C   flags: -fast -xcrossfile -xprofile -xalias_level=std
 Base F90 flags: -fast -xcrossfile -xprofile

Peak Flags:
 168.wupwise: basepeak=yes
 171.swim: -fast -xchip=ultra2
 172.mgrid: f77 -fast -xregs=syst
 173.applu: f77 -fast -Qoption iropt -Adata_access,-Mt6000,-Mm12000,-Mr40000,-Ma400,-whole
            -xregs=syst
 177.mesa: -fast -xcrossfile -xalias_level=strong -xprofile
 178.galgel: basepeak=yes
 179.art: -fast -xalias_level=strong -xdepend -xregs=syst -W2,-whole,-Amemopt -xprofile -dn -lmopt
```

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Notes/Tuning Information (Continued)

```
 183.equake: -fast -xalias_level=strong -xdepend -W2,-whole,-Amemopt -xprofile -lmopt
 187.facerec: basepeak=yes
 188.ammp: -fast -xcrossfile -xalias_level=strong -xdepend -xregs=syst
           -W2,-whole -xprefetch -xprofile
 189.lucas: -fast -Qoption f90comp -array_pad_rows,1024 -Qoption iropt -whole -xprofile
 191.fma3d: -fast -xcrossfile -stackvar -xprofile
 200.sixtrack: -fast -xcrossfile -xprofile
 301.apsi: basepeak=yes

Note:
 ONESTEP=yes for all benchmarks.
 Stack size set to unlimited by: ulimit -s unlimited

System configuration details located (as of June 2001) at
         http://www.sun.com/desktop/sunblade1000
```