CFP2000 Result

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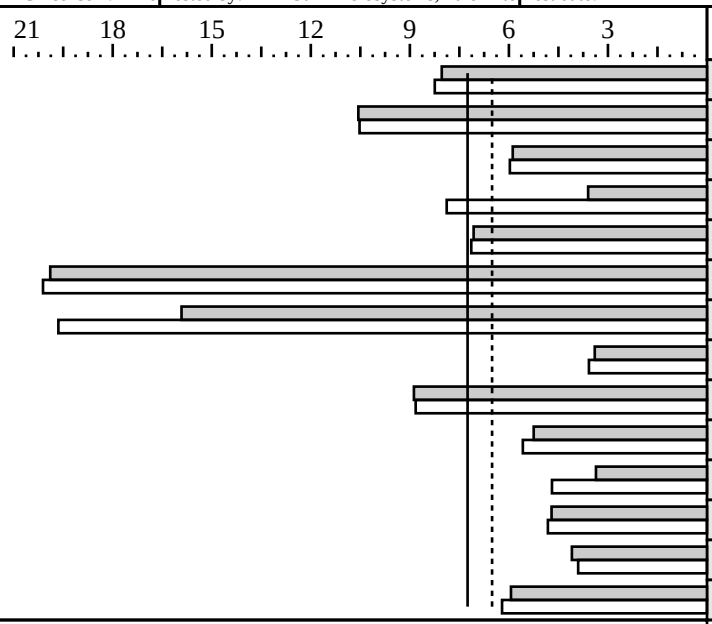
Sun Microsystems
Sun Blade 1000 Model 2600

SPECfp_rate2000 = 7.25

SPECfp_rate_base2000 = 6.51

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	462	8.03	2	450	8.25
171.swim	2	681	10.6	2	683	10.5
172.mgrid	2	710	5.88	2	699	5.97
173.applu	2	1353	3.60	2	618	7.88
177.mesa	2	459	7.07	2	455	7.14
178.galgel	2	338	19.9	2	335	20.1
179.art	2	379	15.9	2	307	19.6
183.equake	2	887	3.40	2	843	3.58
187.facerec	2	497	8.88	2	500	8.82
188.ammp	2	972	5.25	2	915	5.58
189.lucas	2	1380	3.36	2	988	4.70
191.fma3d	2	1035	4.71	2	1011	4.82
200.sixtrack	2	624	4.09	2	654	3.90
301.apsi	2	1016	5.94	2	972	6.21

Hardware

CPU:	UltraSPARC-III
CPU MHz:	600
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip
CPU(s) orderable:	1-2
Parallel:	No
Primary Cache:	32KBI+64KBD on chip
Secondary Cache:	4MB(I+D) off chip
L3 Cache:	None
Other Cache:	None
Memory:	1GB
Disk Subsystem:	1 x 18GB
Other Hardware:	--

Software

Operating System:	Solaris 8 update 2
Compiler:	Forte Developer 6 update 1
File System:	UFS
System State:	single user

Notes/Tuning Information

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

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

Peak:
168.wupwise: -fast -xcrossfile -stackvar -xregs=syst
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: -fast -xcrossfile -xregs=syst -xprofile -dn
179.art: -fast -xalias_level=strong -xdepend -xregs=syst -xprofile -dn -lmopt
183.equake: -fast -xalias_level=strong -xdepend -xprofile -lmopt
187.facerec: -fast -xcrossfile -stackvar -xprofile
```

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Notes/Tuning Information (Continued)

```
188.ammp: -fast -xcrossfile -xalias_level=strong -xdepend -xregs=syst -W2,-whole -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: -fast -qoption f90comp -expansion -xprofile

Note: ONESTEP=yes in base and peak for all benchmarks.
Stack size set to unlimited by: ulimit -s unlimited
Note: Forte Developer 6 update 1 patches include:
         109503-07,109505-08,109506-06,109513-06
For results with recommended patch 111228-01 and obp 4.0.40 (or later),
see publication in July-2001
```