CFP2000 Result

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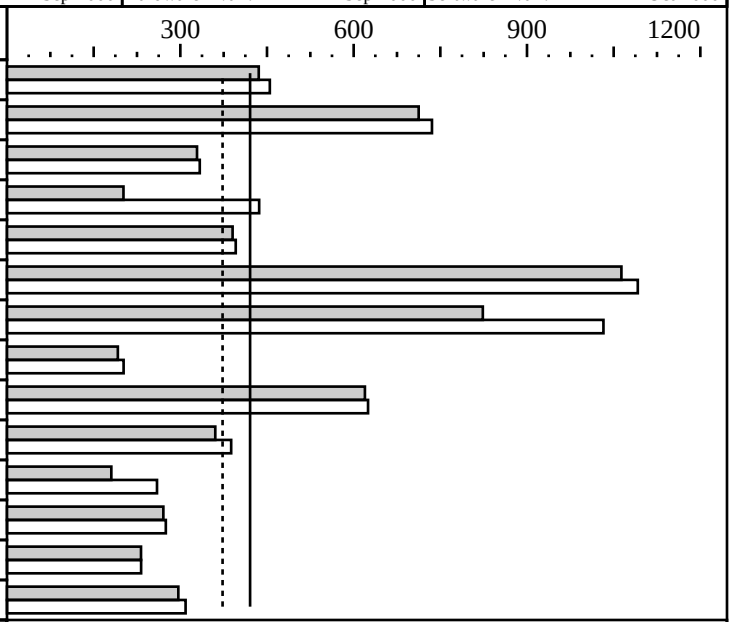
Sun Microsystems
Sun Blade 1000 Model 1750

SPECfp2000 = 421

SPECfp_base2000 = 373

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	367	436	352	455
171.swim	3100	435	713	421	736
172.mgrid	1800	547	329	540	334
173.applu	2100	1042	202	481	436
177.mesa	1400	359	390	354	396
178.galgel	2900	273	1063	266	1092
179.art	2600	316	824	252	1032
183.equake	1300	678	192	644	202
187.facerec	1900	307	619	304	625
188.ammp	2200	610	360	567	388
189.lucas	2000	1108	181	770	260
191.fma3d	2100	776	271	764	275
200.sixtrack	1100	474	232	474	232
301.apsi	2600	877	297	841	309



Hardware

CPU:	UltraSPARC-III
CPU MHz:	750
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1-2
Parallel:	No
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 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

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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
```