CFP2000 Result

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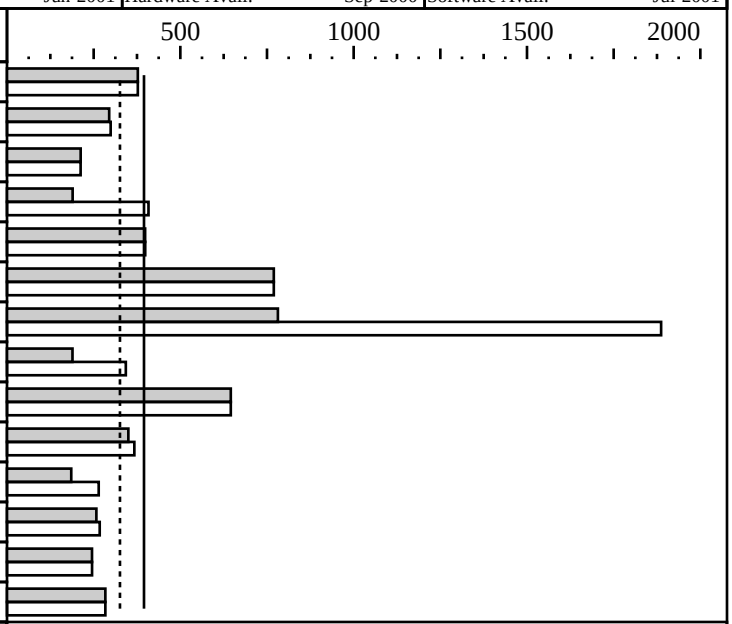
Sun Microsystems
Sun Blade 1000 Model 1750

SPECfp2000 = 395

SPECfp_base2000 = 326

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	424	377	424	377
171.swim	3100	1052	295	1037	299
172.mgrid	1800	847	213	848	212
173.applu	2100	1109	189	514	408
177.mesa	1400	351	398	351	399
178.galgel	2900	377	770	377	770
179.art	2600	333	781	138	1887
183.equake	1300	688	189	379	343
187.facerec	1900	294	646	294	646
188.ammp	2200	628	350	599	367
189.lucas	2000	1079	185	756	265
191.fma3d	2100	815	258	785	267
200.sixtrack	1100	449	245	448	245
301.apsi	2600	916	284	916	284



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:	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
```