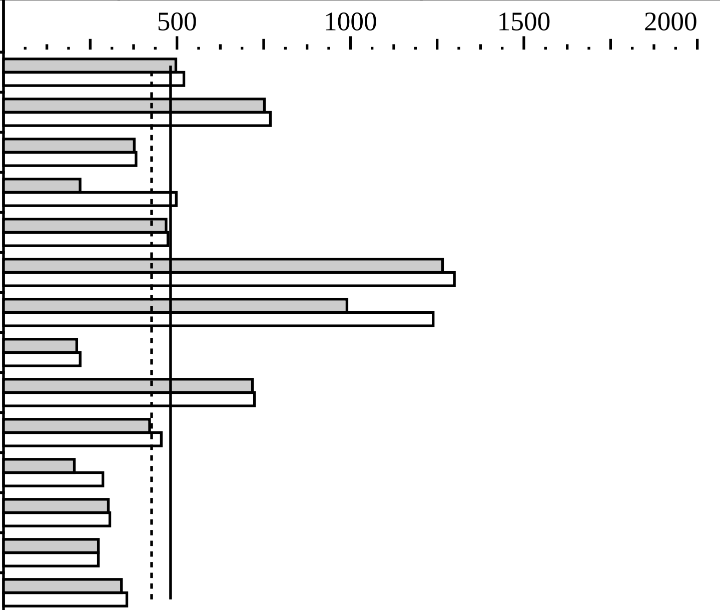
CFP2000 Result

Sun Microsystems
Sun Blade 1000 Model 1900

SPECfp2000 = 482
SPECfp_base2000 = 427

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	322	497	308	520
171.swim	3100	412	752	403	769
172.mgrid	1800	478	377	471	382
173.applu	2100	951	221	422	498
177.mesa	1400	299	469	295	474
178.galgel	2900	229	1266	223	1300
179.art	2600	263	990	210	1239
183.equake	1300	616	211	588	221
187.facerec	1900	265	718	263	723
188.ammp	2200	522	421	484	455
189.lucas	2000	980	204	698	287
191.fma3d	2100	695	302	685	307
200.sixtrack	1100	402	273	402	273
301.apsi	2600	765	340	731	356



Hardware

CPU:	UltraSPARC-III
CPU MHz:	900
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

```
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
```