CFP2000 Result

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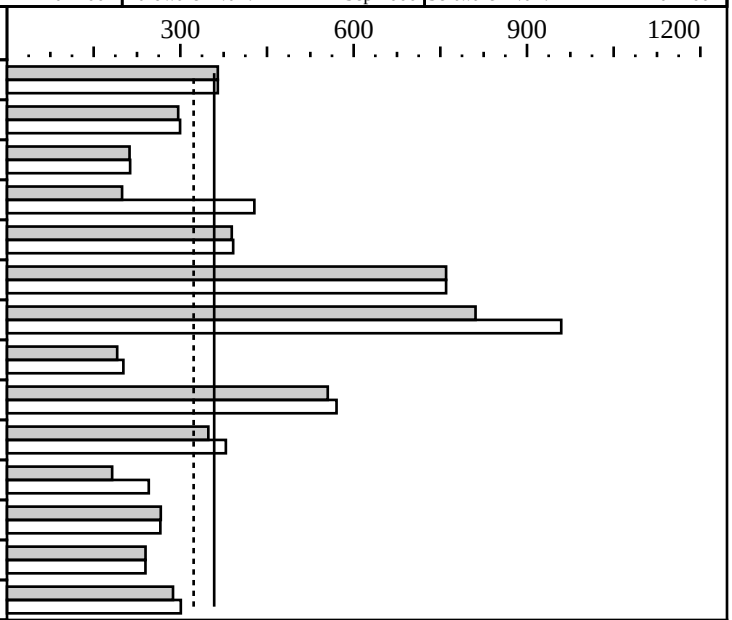
Sun Microsystems
Sun Blade 1000 Model 1750

SPECfp2000 = 359

SPECfp_base2000 = 323

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	439	365	439	365
171.swim	3100	1046	296	1035	300
172.mgrid	1800	849	212	845	213
173.applu	2100	1054	199	491	428
177.mesa	1400	360	389	358	391
178.galgel	2900	382	760	382	760
179.art	2600	321	811	271	959
183.equake	1300	682	191	645	201
187.facerec	1900	342	555	333	570
188.ammp	2200	631	348	581	379
189.lucas	2000	1099	182	815	245
191.fma3d	2100	789	266	791	265
200.sixtrack	1100	459	240	459	240
301.apsi	2600	905	287	864	301



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 18GB
Other Hardware:	--

Software

Operating System:	Solaris 8 10/00
Compiler:	Forte Developer 6 update 1 w/ latest patches
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: 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 -xprofile -dn -lmopt
183.equake: -fast -xalias_level=strong -xdepend -xprofile -lmopt
```

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Notes/Tuning Information (Continued)

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187.facerec: -fast -xcrossfile -stackvar -xprofile
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: -fast -qoption f90comp -expansion -xprofile

Note: ONESTEP=yes for all benchmarks.
Stack size set to unlimited by: ulimit -s unlimited
Forte Developer 6 update 1 patches include:
   109503-07,109504-01,109505-08,109506-06,109508-01,109510-01,109513-06

Patch 111228-01 and obp 4.0.40 (or later) is required.

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