CFP2000 Result

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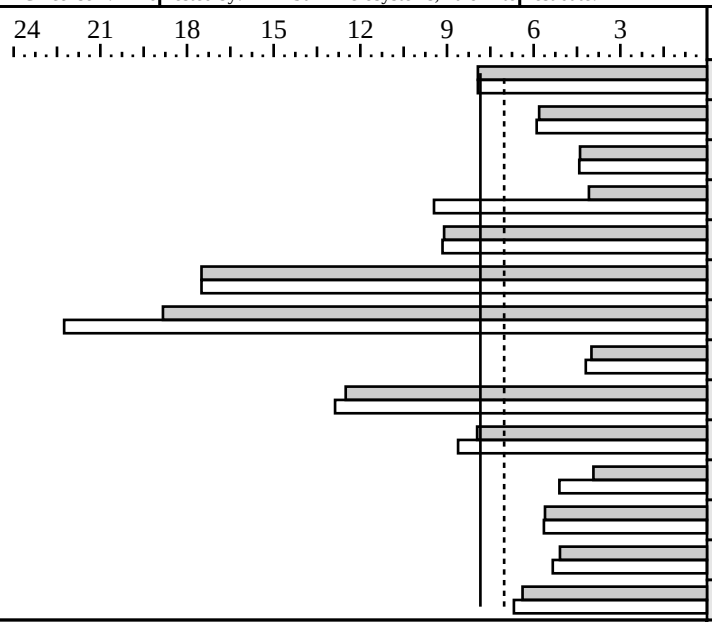
Sun Microsystems
Sun Blade 1000 Model 2750

SPECfp_rate2000 = 7.84

SPECfp_rate_base2000 = 7.02

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	468	7.93	2	468	7.93
171.swim	2	1238	5.81	2	1220	5.90
172.mgrid	2	950	4.39	2	945	4.42
173.applu	2	1192	4.09	2	516	9.45
177.mesa	2	357	9.10	2	355	9.16
178.galgel	2	384	17.5	2	384	17.5
179.art	2	320	18.8	2	271	22.3
183.equake	2	754	4.00	2	719	4.20
187.facerec	2	352	12.5	2	342	12.9
188.ammp	2	641	7.96	2	592	8.62
189.lucas	2	1180	3.93	4	1816	5.11
191.fma3d	2	869	5.61	4	1726	5.65
200.sixtrack	2	501	5.09	4	956	5.34
301.apsi	2	945	6.39	4	1805	6.68

Hardware

CPU:	UltraSPARC-III
CPU MHz:	750
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 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
```