CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Sun Microsystems
Sun Fire 280R

SPECfp2000 = NC

SPECfp_base2000 = NC

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

SPEC has determined that this result was not in compliance with the SPEC CPU2000 run and reporting rules. Specifically, the system did not ship to customers in a configuration that achieved the same results (within 1.75%) thus failing to meet the 3-month availability requirement. Replacement results can be found at: http://www.spec.org/osg/cpu2000/results/res2001q3/cpu2000-20010718-00771.html

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	NC	NC	NC	NC
171.swim	3100	NC	NC	NC	NC
172.mgrid	1800	NC	NC	NC	NC
173.applu	2100	NC	NC	NC	NC
177.mesa	1400	NC	NC	NC	NC
178.galgel	2900	NC	NC	NC	NC
179.art	2600	NC	NC	NC	NC
183.equake	1300	NC	NC	NC	NC
187.facerec	1900	NC	NC	NC	NC
188.ammp	2200	NC	NC	NC	NC
189.lucas	2000	NC	NC	NC	NC
191.fma3d	2100	NC	NC	NC	NC
200.sixtrack	1100	NC	NC	NC	NC
301.apsi	2600	NC	NC	NC	NC

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:	4GB
Disk Subsystem:	1 x 36 GB + 1 x 9 GB
Other Hardware:	--

Software

Operating System:	Solaris 8 update 3
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
```


Non-Compliant

CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Sun Microsystems
Sun Fire 280R

SPECfp2000 = NC
SPECfp_base2000 = NC

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

SPEC has determined that this result was not in compliance with the SPEC CPU2000 run and reporting rules. Specifically, the system did not ship to customers in a configuration that achieved the same results (within 1.75%) thus failing to meet the 3-month availability requirement. Replacement results can be found at: http://www.spec.org/osg/cpu2000/results/res2001q3/cpu2000-20010718-00771.html

Notes/Tuning Information (Continued)

```
Base F90 flags: -fast -xcrossfile -xprofile

Peak:
168.wupwise: -fast -xcrossfile
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
183.equake: -fast -xalias_level=strong -xdepend -xprofile -lmopt
187.facerec: -fast -xcrossfile -stackvar -xprofile
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 patch 111228-01 and obp 4.0.40 or later (included
in standard configuration) see publication in July-2001
```

Non-compliant