CFP2000 Result

Sun Microsystems
Sun Fire 280R

SPECfp_rate2000 = NC
SPECfp_rate_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/cpu2000-20010718-00770.html

5 4 3 2 1

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	NC	NC	2	NC	NC
171.swim	2	NC	NC	2	NC	NC
172.mgrid	2	NC	NC	2	NC	NC
173.applu	2	NC	NC	2	NC	NC
177.mesa	2	NC	NC	2	NC	NC
178.galgel	2	NC	NC	2	NC	NC
179.art	2	NC	NC	2	NC	NC
183.equake	2	NC	NC	2	NC	NC
187.facerec	2	NC	NC	2	NC	NC
188.ammp	2	NC	NC	2	NC	NC
189.lucas	2	NC	NC	4	NC	NC
191.fma3d	2	NC	NC	4	NC	NC
200.sixtrack	2	NC	NC	4	NC	NC
301.apsi	2	NC	NC	4	NC	NC

Hardware

CPU:	UltraSPARC-III
CPU MHz:	750
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip
CPU(s) orderable:	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
Base F90 flags: -fast -xcrossfile -xprofile
```

CFP2000 Result

Sun Microsystems
Sun Fire 280R

SPECfp_rate2000 = NC
SPECfp_rate_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/cpu2000-20010718-00770.html

Notes/Tuning Information (Continued)

```
Peak:
168.wupwise: -fast -xcrossfile -xprofile
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 -lm
183.equake: -fast -xalias_level=strong -xdepend -xprofile -lmopt -lm
187.facerec: -fast -xcrossfile -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
```