CFP2000 Result

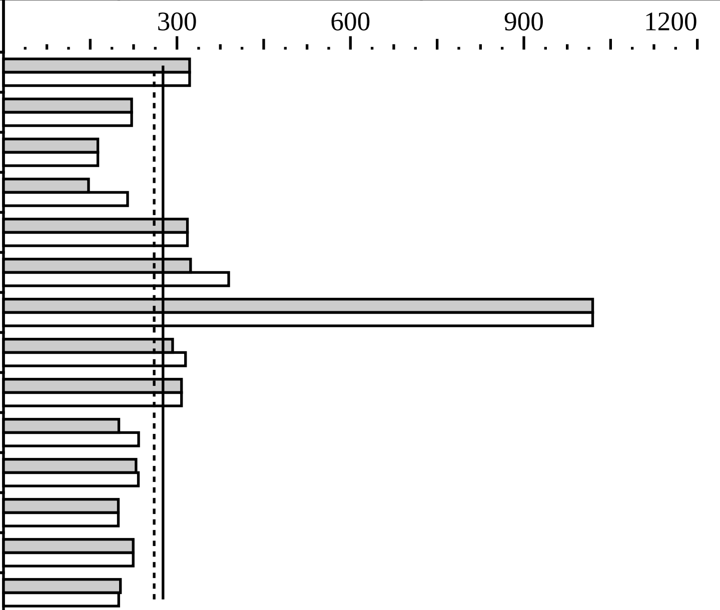
Sun Microsystems
Sun Blade 150 (650 MHz)

SPECfp2000 = 276

SPECfp_base2000 = 261

SPEC license #: 6	Tested by: Sun Microsystems, Palo Alto	Test date: Aug-2002	Hardware Avail: Aug-2002	Software Avail: Aug-2002

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	497	322	497	322
171.swim	3100	1399	222	1399	222
172.mgrid	1800	1103	163	1103	163
173.applu	2100	1428	147	978	215
177.mesa	1400	440	318	440	318
178.galgel	2900	896	324	745	389
179.art	2600	255	1019	255	1019
183.equake	1300	444	292	413	315
187.facerec	1900	617	308	617	308
188.ammp	2200	1103	199	941	234
189.lucas	2000	873	229	857	233
191.fma3d	2100	1057	199	1057	199
200.sixtrack	1100	490	224	490	224
301.apsi	2600	1286	202	1305	199



Hardware

CPU:	UltraSPARC IIi
CPU MHz:	650
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	512KB (I+D) on chip
L3 Cache:	None
Other Cache:	None
Memory:	256MB
Disk Subsystem:	1 x Seagate ST340016A
Other Hardware:	None

Software

Operating System:	Solaris 8 2/02
Compiler:	Sun ONE Studio 7 and Sun Performance Library 7
File System:	ufs
System State:	Multi-User

Notes/Tuning Information

```
Portability:
 178.galgel: -e -fixed

Profile Feedback (-xprofile):
       fdo_pre0: rm -rf ./feedback.profile ./SunWS_cache
         Pass 1: -xprofile=collect:./feedback
         Pass 2: -xprofile=use:./feedback
Base Flags:
 Base C   flags: -fast -xipo=2 -xalias_level=std -xprofile
 Base F90 flags: -fast -xcrossfile -xprofile

Peak Flags:
    168.wupwise: basepeak=yes
       171.swim: basepeak=yes
      172.mgrid: basepeak=yes
```

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Notes/Tuning Information (Continued)

```
        173.applu:  -fast -xchip=ultra3 -Qoption iropt -Adata_access,-Mt7000,-Mm14000,-Mr40000,-Ma400,-whole
                    -xregs=syst -Qoption iropt -Rscalarrep,-MR -Qoption cg
                    -Qlp=1-av=192-fa=1 -Qoption f90comp -O3 -xprofile
        177.mesa: basepeak=yes
        178.galgel: -fast -xcrossfile -xregs=syst -Qoption iropt -Addint:sf=9 -xlic_lib=sunperf -lsunperf -xprofile
         179.art: basepeak=yes
      183.equake: -fast -xchip=ultra3 -xipo=2 -xalias_level=std -lmopt -xprofile
     187.facerec: basepeak=yes
        188.ammp: -fast -xchip=ultra3 -xcrossfile -xalias_level=std -xprofile
       189.lucas: -fast -xchip=generic -xcrossfile -Qoption cg -Qms_pipe=a -xprofile
       191.fma3d: basepeak=yes
    200.sixtrack: basepeak=yes
        301.apsi: -fast -Qoption iropt -Mt450 -xprofile
ONESTEP=yes for all benchmarks except 179.art in peak
ONESTEP=yes for Fortran benchmarks in base


 Stack size set to unlimited via "ulimit -s unlimited"

Software Patches: All patches for the Sun ONE Studio 7 Compiler (Product Patches and
OS patches) as recommended by http://access1.sun.com/sundev/s1s7-patches.html on Aug
the 7th, 2002 were installed (111704-03 111705-02 111706-01 111708-01 111709-01
111714-01 111715-01 111716-02 111718-01 111723-01 108434-08 108435-08 111697-03
111721-02)
```