CFP2000 Result

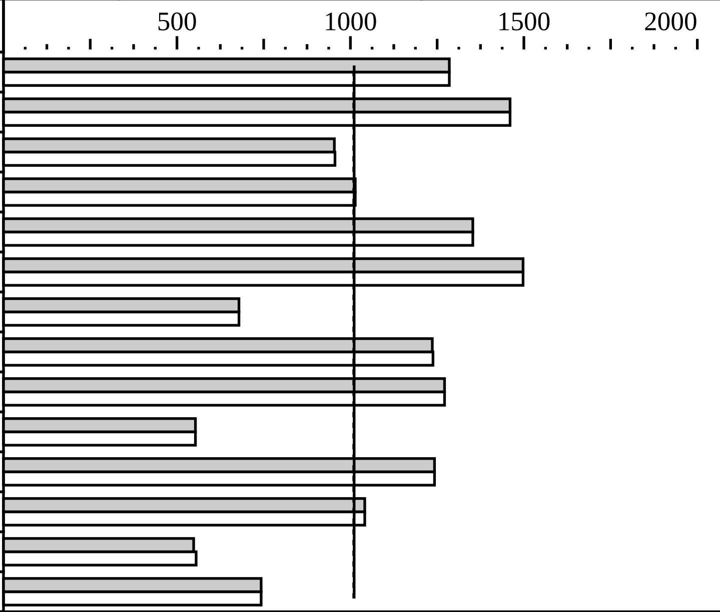
Sun Microsystems
Sun Fire V65x (3.06 GHz Xeon)

SPECfp2000 = 1011

SPECfp_base2000 = 1010

SPEC license #:	Tested by:	Test date:	Hardware Avail:	Software Avail:
6	Sun Microsystems	Apr-2003	May-2003	Apr-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	125	1285	125	1285
171.swim	3100	212	1460	212	1460
172.mgrid	1800	189	954	188	956
173.applu	2100	207	1014	207	1014
177.mesa	1400	103	1353	103	1353
178.galgel	2900	194	1498	194	1498
179.art	2600	383	679	383	679
183.equake	1300	105	1236	105	1238
187.facerec	1900	149	1271	149	1271
188.ammp	2200	398	553	398	553
189.lucas	2000	161	1242	161	1242
191.fma3d	2100	202	1041	202	1041
200.sixtrack	1100	201	548	198	555
301.apsi	2600	350	743	350	743



Hardware

CPU:	Intel Xeon (533MHz system bus)
CPU MHz:	3066
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K(I) micro-ops + 8KB(D) on chip
Secondary Cache:	512KB(I+D) on chip
L3 Cache:	None
Other Cache:	None
Memory:	2GB (2 x 1GB)
Disk Subsystem:	1 x 36GB Seagate Ultra320 SCSI
Other Hardware:	None

Software

Operating System:	Red Hat Linux 7.3
Compiler:	Intel(R) Fortran Compiler for 32-bit applications Version 7.1 Build 20030402Z Intel(R) C++ Compiler for 32-bit applications Version 7.1 Build 20030307Z Microquill SmartHeap 6.02
File System:	ext2
System State:	Multi-User (run level 3), hyperthreading disabled in BIOS

Notes/Tuning Information

```
Portability:
 178.galgel: -FI

Profile Feedback (+FDO):
 rm -rf ‘pwd‘/*.dyn ‘pwd‘/*.dpi ‘pwd‘/*.il
 Pass 1: -prof_gen
 Pass 2: -prof_use

Base Flags:
 Base tuning: -xW -ipo -O3 +FDO

Peak Flags:
 168.wupwise: basepeak=yes
 171.swim: basepeak=yes
 172.mgrid: -ipo -xW -O3 -L${SH_PATH} -lsmartheap +FDO
 172.mgrid: (SH_PATH is the path to the SmartHeap library)
```

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SPEC license #: 6	Tested by: Sun Microsystems	Test date: Apr-2003	Hardware Avail: May-2003	Software Avail: Apr-2003

Notes/Tuning Information (Continued)

```
173.applu: basepeak=yes
177.mesa: basepeak=yes
178.galgel: basepeak=yes
179.art: basepeak=yes
183.equake: -ipo -xW -rcd -O3 +FDO
187.facerec: basepeak=yes
188.ammp: basepeak=yes
189.lucas: basepeak=yes
191.fma3d: basepeak=yes
200.sixtrack: -ipo -xW +FDO
301.apsi: basepeak=yes
2nd processor physically removed
```