CFP2000 Result

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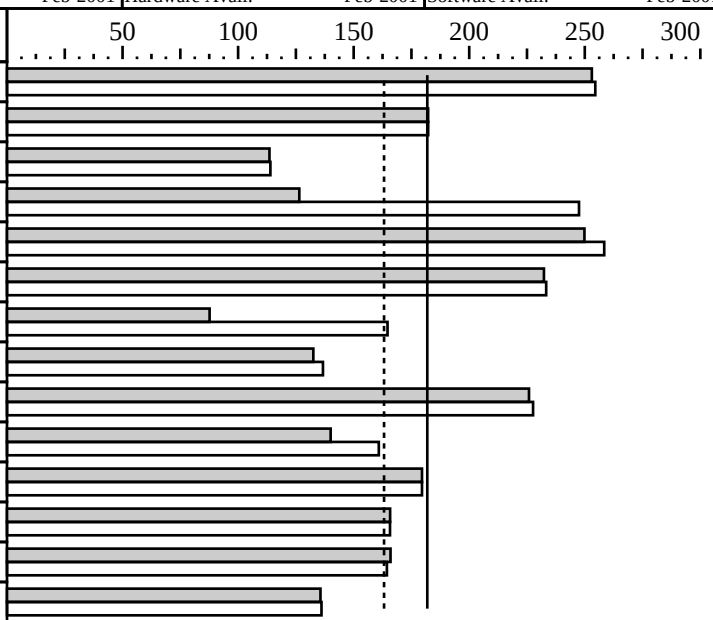
Sun Microsystems
Sun Blade 100

SPECfp2000 = 182

SPECfp_base2000 = 163

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	632	253	629	255
171.swim	3100	1701	182	1701	182
172.mgrid	1800	1585	114	1579	114
173.applu	2100	1660	126	848	248
177.mesa	1400	560	250	542	258
178.galgel	2900	1248	232	1243	233
179.art	2600	2966	87.7	1579	165
183.equake	1300	981	133	951	137
187.facerec	1900	841	226	835	228
188.ammp	2200	1571	140	1367	161
189.lucas	2000	1114	180	1114	180
191.fma3d	2100	1267	166	1267	166
200.sixtrack	1100	663	166	669	164
301.apsi	2600	1917	136	1911	136



Hardware

CPU:	UltraSPARC-IIe
CPU MHz:	500
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	None
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	256KB(I+D) on chip
L3 Cache:	None
Other Cache:	None
Memory:	256MB
Disk Subsystem:	1 x 15GB
Other Hardware:	--

Software

Operating System:	Solaris 8 10/00
Compiler:	Forte Developer 6 update 1
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: -fast -xcrossfile -xregs=syst -xprofile
171.swim: -fast
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 -Qoption iropt -O4+bcopy -xprofile -dn
179.art: -fast -xalias_level=strong -xdepend -xregs=syst -xprofile -dn -lmopt
183.equake: -fast -xalias_level=strong -xdepend -xprofile -lmopt
187.facerec: -fast -xcrossfile -stackvar -xprofile
```

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Notes/Tuning Information (Continued)

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188.ammp: -fast -xcrossfile -xalias_level=strong -xdepend -xregs=syst -W2,-whole -xprofile
189.lucas: basepeak=yes
191.fma3d: -fast -xcrossfile -xprofile
200.sixtrack: -fast -xcrossfile -xprofile
301.apsi: -fast -qoption f90comp -expansion -xprofile

Note: ONESTEP=yes for all benchmarks.
System configuration details located (as of 02/2001) at
    http://www.sun.com/desktop/sunblade100/
```