



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	50 100 150 200 250 300				
168.wupwise	1600	632	253	629	255	[Bar chart showing ratio 255]				
171.swim	3100	1701	182	1701	182	[Bar chart showing ratio 182]				
172.mgrid	1800	1585	114	1579	114	[Bar chart showing ratio 114]				
173.applu	2100	1660	126	848	248	[Bar chart showing ratio 248]				
177.mesa	1400	560	250	542	258	[Bar chart showing ratio 258]				
178.galgel	2900	1248	232	1243	233	[Bar chart showing ratio 233]				
179.art	2600	2966	87.7	1579	165	[Bar chart showing ratio 165]				
183.earthquake	1300	981	133	951	137	[Bar chart showing ratio 137]				
187.facerec	1900	841	226	835	228	[Bar chart showing ratio 228]				
188.amp	2200	1571	140	1367	161	[Bar chart showing ratio 161]				
189.lucas	2000	1114	180	1114	180	[Bar chart showing ratio 180]				
191.fma3d	2100	1267	166	1267	166	[Bar chart showing ratio 166]				
200.sixtrack	1100	663	166	669	164	[Bar chart showing ratio 164]				
301.apsi	2600	1917	136	1911	136	[Bar chart showing ratio 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

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.earthquake: -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.amp: -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/>