



CFP2000 Result

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Sun Microsystems
Sun Fire 6800

SPECfp2000 = --
SPECfp_base2000 = 278

SPEC license #: 597 Tested by: Verlag Heinz Heise (iX) Test date: May-2001 Hardware Avail: Mar-2001 Software Avail: May-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	522	306		
171.swim	3100	1446	214		
172.mgrid	1800	1119	161		
173.aplu	2100	1445	145		
177.mesa	1400	350	400		
178.galgel	2900	384	754		
179.art	2600	355	733		
183.quake	1300	922	141		
187.facerec	1900	324	587		
188.amp	2200	819	269		
189.lucas	2000	1270	157		
191.fma3d	2100	1011	208		
200.sixtrack	1100	407	270		
301.apsi	2600	1067	244		

Hardware

CPU: UltraSPARC-III
 CPU MHz: 750
 FPU: Integrated
 CPU(s) enabled: 24 cores, 24 chips, 1 core/chip
 CPU(s) orderable: 2-24
 Parallel: No
 Primary Cache: 32KBI+64KBD on chip
 Secondary Cache: 8MB(I+D) off chip
 L3 Cache: None
 Other Cache: None
 Memory: 48GB
 Disk Subsystem: 8x36GB (RAID 10)
 Other Hardware:

Software

Operating System: Solaris 8
 Compiler: Forte Developer 6 update 2 C 5.3
 File System: UFS
 System State: Multi User

Notes/Tuning Information

Portability: 178.galgel: -e -fixed

C flags: -fast -xcrossfile -xprofile
F90 flags: -fast -xcrossfile -xprofile