



CFP2000 Result

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SGI

SGI Altix 4700 Density System (Itanium2 Processor 9050 1.6GHz/24M)

SPECfp2000 = --

SPECfp_base2000 = 3098

SPEC license #: 4 Tested by: SGI Test date: Jul-2006 Hardware Avail: Jul-2006 Software Avail: Aug-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	43.3	3697		
171.swim	3100	64.2	4830		
172.mgrid	1800	63.9	2817		
173.applu	2100	46.5	4512		
177.mesa	1400	97.7	1433		
178.galgel	2900	37.9	7650		
179.art	2600	13.3	19568		
183.earth	1300	32.3	4019		
187.facerec	1900	73.6	2582		
188.ammmp	2200	125	1755		
189.lucas	2000	81.9	2441		
191.fma3d	2100	117	1798		
200.sixtrack	1100	68.0	1617		
301.apsi	2600	218	1190		

Hardware

CPU: Intel DC Itanium2 Processor 9050 (533MHz FSB)
CPU MHz: 1600
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1-512 chips
Parallel: No
Primary Cache: 16 KB (I) + 16 KB (D) on chip, per core
Secondary Cache: 1 MB (I) + 256 KB (D) on chip, per core
L3 Cache: 12 MB (I+D) on chip, per core
Other Cache: N/A
Memory: 64 GB (8*1GB DDR2-400 DIMMS per 4 core module)
Disk Subsystem: 1 x 73 GB SCSI
Other Hardware: None

Software

Operating System: SGI ProPack(TM) v4.0 Service Pack 3
Compiler: Intel(R) Fortran Compiler for Linux 9.1 (Build 20060707)
Intel(R) C++ Compiler for Linux 9.1 (Build 20060707)
File System: xfs
System State: Multi-user

Notes/Tuning Information

Baseline optimization flags:

C programs: -fast -ansi_alias -IPF_fp_relaxed +FDO
Fortran programs: -fast -IPF_fp_relaxed +FDO

Portability Flags:

178.galgel: -FI

Processes were bound to CPUs using dplace.