



CFP2000 Result

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SGI

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

SPECfp_rate2000 = --

SPECfp_rate_base2000 = 123

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	68.1	109			
171.swim	4	104	138			
172.mgrid	4	87.7	95.2			
173.applu	4	51.8	188			
177.mesa	4	97.9	66.3			
178.galgel	4	38.7	347			
179.art	4	13.3	907			
183.quake	4	40.7	148			
187.facerec	4	76.4	115			
188.amp	4	126	81.2			
189.lucas	4	112	82.6			
191.fma3d	4	136	71.7			
200.sixtrack	4	68.6	74.4			
301.apsi	4	231	52.1			

Hardware

CPU: Intel DC Itanium2 Processor 9050 (533MHz FSB)
CPU MHz: 1600
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 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: 16 GB (8*1GB DDR2-400DIMMS per 2 core module)
Disk Subsystem: 1 x 137 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 20060523)
Intel(R) C++ Compiler for Linux 9.1 (Build 20060523)
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.