



CFP2000 Result

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SGI
SGI Altix 330 (1500MHz, Itanium 2)

SPECfp_rate2000 = --
SPECfp_rate_base2000 = 48.4

SPEC license #: 4 | Tested by: SGI | Test date: Jul-2005 | Hardware Avail: Jul-2005 | Software Avail: Jul-2005

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	73.7	50.4			
171.swim	2	140	51.4			
172.mgrid	2	121	34.5			
173.applu	2	61.3	79.5			
177.mesa	2	117	27.7			
178.galgel	2	46.4	145			
179.art	2	22.6	267			
183.quake	2	57.6	52.3			
187.facerec	2	111	39.8			
188.amp	2	147	34.8			
189.lucas	2	170	27.4			
191.fma3d	2	143	34.1			
200.sixtrack	2	75.4	33.9			
301.apsi	2	272	22.2			

Hardware

CPU: Intel Itanium 2
 CPU MHz: 1500
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip
 CPU(s) orderable: 2-16
 Parallel: No
 Primary Cache: 16KBI + 16KBD on chip, per core
 Secondary Cache: 256KB (I+D) on chip, per core
 L3 Cache: 4.0MB (I+D) on chip, per core
 Other Cache: N/A
 Memory: 2 GB (2*1GB PC2700 DIMMS per 2 core module)
 Disk Subsystem: 1 x 73 GB SCSI (Seagate Cheetah 10k rpm)
 Other Hardware: None

Software

Operating System: SGI ProPack 4SP2 for Linux, Build 402b1-0506240111
 Compiler: Intel(R) Fortran Itanium(R) Compiler for Linux 9.0 (Build 20050430)
 Intel(R) C Itanium(R) Compiler for Linux 9.0 (Build 20050430)
 File System: xfs
 System State: Multi-user

Notes/Tuning Information

+FDO: PASS1=-prof_gen PASS2=-prof_use

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.

Peak flags same as baseline (basepeak=true set globally).