



CFP2000 Result

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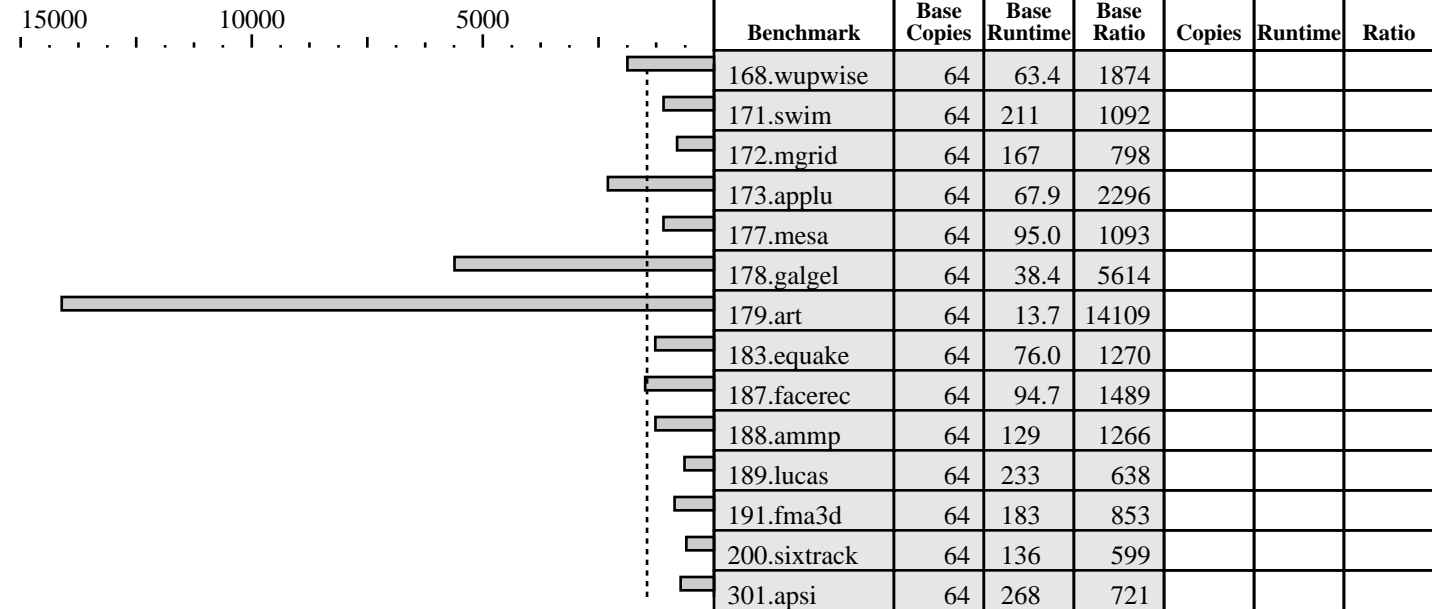
SGI

SGI Altix 4700 Density System (Itanium 2 Processor 9040 1.6GHz/18M)

SPECfp_rate2000 = --

SPECfp_rate_base2000 = 1451

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



Hardware

CPU: Intel Dual-Core Itanium 2 Processor 9040 (533MHz FSB)
 CPU MHz: 1600
 FPU: Integrated
 CPU(s) enabled: 64 cores, 32 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: 9 MB (I+D) on chip, per core
 Other Cache: N/A
 Memory: 128 GB (8*1GB DDR2-400 DIMMS per 4 core module)
 Disk Subsystem: 1 x 146 GB SCSI (Seagate Cheetah 15k rpm)
 Other Hardware: None

Software

Operating System: SUSE Linux Enterprise Server 9 Service Pack 3 + SGI ProPack(TM) 4 Service Pack 3
 Compiler: Intel(R) Fortran Compiler for Linux 9.1 (Build 20060818)
 Intel(R) C++ Compiler for Linux 9.1 (Build 20060818)
 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.