



CFP2000 Result

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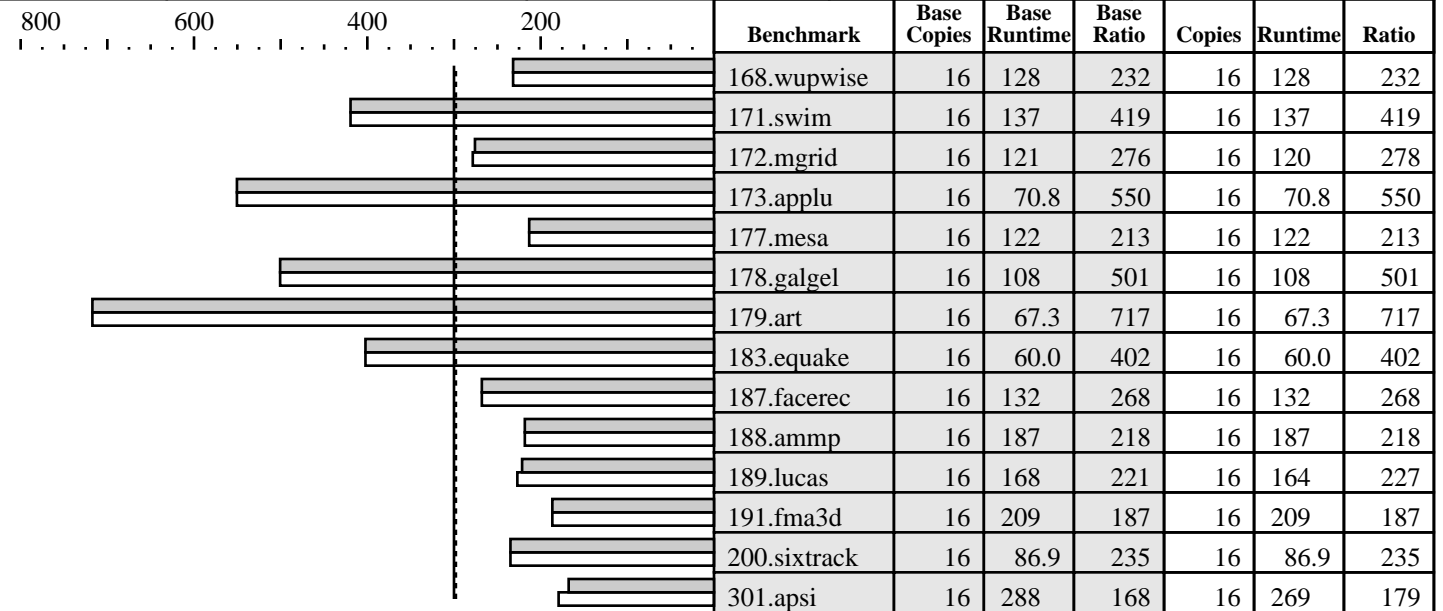
SGI

SGI Altix 350 (1400MHz/3MB, Itanium 2)

SPECfp_rate2000 = 300

SPECfp_rate_base2000 = 298

SPEC license #: 4 | Tested by: SGI | Test date: May-2004 | Hardware Avail: May-2004 | Software Avail: Jun-2004



Hardware

CPU: Intel Itanium 2
 CPU MHz: 1400
 FPU: Integrated
 CPU(s) enabled: 16 cores, 16 chips, 1 core/chip
 CPU(s) orderable: 2-16
 Parallel: No
 Primary Cache: 16KBI + 16KBD (on chip) per core
 Secondary Cache: 256KB (on chip) per core
 L3 Cache: 3.0MB (on chip) per core
 Other Cache: N/A
 Memory: 64 GB (16*512MB PC2700 DIMMS per 2core module)
 Disk Subsystem: 1 x 36 GB SCSI (Seagate Cheetah 15k rpm)
 Other Hardware: None

Software

Operating System: SGI ProPack(TM) v3.0
 Compiler: Intel(R) Fortran Compiler for Linux 8.0 (Build 20040318)
 Intel(R) C++ Compiler for Linux 8.0 (Build 20040318)
 File System: xfs
 System State: Single-user

Notes/Tuning Information

+FDO: PASS1=-prof_gen PASS2=-prof_use

Baseline optimization flags:

C programs: -ipo -O3 +FDO -ansi_alias
 Fortran programs: -ipo -O3 +FDO

Portability Flags:

178.galgel: -FI

Peak optimization flags:

168.wupwise: basepeak=yes
 171.swim: basepeak=yes
 172.mgrid: -O3 -ipo
 173.applu: basepeak=yes
 177.mesa: basepeak=yes
 178.galgel: basepeak=yes
 179.art: basepeak=yes



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Notes/Tuning Information (Continued)

183.equake: basepeak=yes
187.facerec: basepeak=yes
188.ammmp: basepeak=yes
189.lucas: -O3 -ipo
191.fma3d: basepeak=yes
200.sixtrack: basepeak=yes
301.apsi: -O3 -ipo

Processes were bound to CPUs using dplace.