**SGI Altitx 350 (1400MHz/1.5MB, Itanium 2)**

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<tr>
<th>Benchmark</th>
<th>Base Copies</th>
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<th>Base Ratio</th>
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**Hardware**

- **CPU**: Intel Itanium 2
- **CPU MHz**: 1400
- **FPU**: Integrated
- **CPU(s) enabled**: 8 cores, 8 chips, 1 core/chip
- **CPU(s) orderable**: 2-16
- **Parallel**: No
- **Primary Cache**: 16KBI + 16KBD (on chip) per CPU
- **Secondary Cache**: 256KB (on chip) per CPU
- **L3 Cache**: 1.5MB (on chip) per CPU
- **Other Cache**: N/A
- **Memory**: 16 GB (8*512MB PC2700 DIMMS per 2cpu module)
- **Disk Subsystem**: 1 x 36 GB SCSI (Seagate Cheetah 15k rpm)
- **Other Hardware**: None

**Software**

- **Operating System**: SGI ProPack(TM) v2.3
- **Compiler**: Intel(R) Fortran Compiler for Linux 8.0 (Build 20031017)
  Intel(R) C++ Compiler for Linux 8.0 (Build 20031017)
- **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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Standard Performance Evaluation Corporation
info@spec.org
http://www.spec.org
SGI
SGI Altix 350 (1400MHz/1.5MB, Itanium 2)

**SPECfp_rate2000 = 127**
**SPECfp_rate_base2000 = 126**

<table>
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<th>SGI</th>
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<th>Jan-2004</th>
<th>Software Avail:</th>
<th>Dec-2003</th>
</tr>
</thead>
</table>

Notes/Tuning Information (Continued)

183.equake: basepeak=yes
187.facerec: basepeak=yes
188.ammp: 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.