### CFP2000 Result

**Acer Incorporated**

**Altos R510 (3.6 GHz Intel Xeon)**

**SPECfp2000** = 1740  
**SPECfp_base2000** = 1718

<table>
<thead>
<tr>
<th>Benchmark</th>
<th>Reference Time</th>
<th>Base Runtime</th>
<th>Base Ratio</th>
<th>Runtime</th>
<th>Ratio</th>
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<td>66.4</td>
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<td>173.applu</td>
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</table>

**Hardware**

- **CPU:** Intel Xeon (3.6 GHz, 2MB L2, 800MHz system bus)
- **CPU MHz:** 3600
- **FPU:** Integrated
- **CPU(s) enabled:** 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
- **CPU(s) orderable:** 1, 2
- **Parallel:** No
- **Primary Cache:** 12KB(I) micro-ops + 16KB(D) on chip
- **Secondary Cache:** 2048KB(I+D) on chip
- **L3 Cache:** N/A
- **Other Cache:** N/A
- **Memory:** 6 x 512MB ECC DDR-333 SDRAM
- **Disk Subsystem:** 1 x 120GB 7200RPM SATA HDD

**Software**

- **Operating System:** Microsoft Windows Server 2003 Enterprise Edition (Build 3790)
- **Compiler:** Intel C++ Build 20041019Z and Fortran Compiler 8.1 Build 20040802Z
- **File System:** NTFS
- **System State:** Default

**Notes/Tuning Information**

- **FDO:** PASS1= -Qprof_gen PASS2= -Qprof_use
- **Base tuning for Fortran Programs:** -fast -Qansi_alias +FDO
- **177.mesa:** Base for C Program: -fast +FDO shlw32M.lib
- **179.art:** Base for C Program: -fast +FDO shlw32M.lib
- **183.equake:** Base for C Program: -fast +FDO shlw32M.lib
- **188.ammp:** Base for C Program: -fast +FDO shlw32M.lib
- **Portability:**
  - **178.galgel:** -FI /P320000000
  - **Peak tuning:**
    - **168.wupwise:** -fast -Qansi_alias +FDO
    - **171.swim:** -fast -Qansi_alias +FDO
    - **172.mgrid:** -fast -Qansi_alias +FDO
    - **173.applu:** basepeak=yes
    - **177.mesa:** basepeak=yes
    - **178.galgel:** -fast -Qansi_alias +FDO
    - **179.art:** basepeak=yes
    - **183.equake:** -fast -Oa -Qrcd -Qprof_gen shlw32M.lib
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Altos R510 (3.6 GHz Intel Xeon)

SPECfp2000 = 1740
SPECfp_base2000 = 1718

Notes/Tuning Information (Continued)

187.facerec: basepeak=yes
188.ammp: -Oa -QxP
189.lucas: -fast -Qprefetch- +FDO
191.fma3d: basepeak=yes
200.sixtrack: -Qipo -QxP +FDO
301.apsi: -fast +FDO

Enable hardware prefetching and adjacent cache line prefetch BIOS setting

Product description located at http://www.acer.com