# CFP2000 Result

## IBM Corporation

IBM eServer xSeries 346 (3.8 GHz Xeon, 2MB L2 Cache)

### SPEC fp2000 Rate

<table>
<thead>
<tr>
<th>Benchmark</th>
<th>Base Copies</th>
<th>Base Runtime</th>
<th>Base Ratio</th>
<th>Copies</th>
<th>Runtime</th>
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<td>28.4</td>
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</tbody>
</table>

### Hardware

- **CPU:** Intel Xeon 3.8 (800 MHz system bus)
- **CPU MHz:** 3800
- **FPU:** Integrated
- **CPU(s) enabled:** 2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology disabled)
- **CPU(s) orderable:** 1,2
- **Parallel:** No
- **Primary Cache:** 12K(I) micro-ops + 16KB(D) on chip
- **Secondary Cache:** 2048KB(I+D) on chip
- **L3 Cache:** N/A
- **Other Cache:** N/A
- **Memory:** 8 x 512 MB ECC PC2-3200 Single Rank
- **Disk Subsystem:** 73GB SCSI 10K RPM
- **Other Hardware:**

### Software

- Compiler: Intel C/C++ Compiler 9.0 (20050624Z) for 32-bit applications
- **File System:** NTFS
- **System State:** Default

### Notes/Tuning Information

**GENERAL**

- ONESTEP=yes
- +FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

**PORTABILITY**

- 178.galgel: -FI /F32000000
- 191.fma3d: srcalt=windowsdp

**BASE TUNING**

- C/F77/F90: -fast -Qansi_alias +FDO

**PEAK TUNING**

- 168.wupwise: basepeak=yes
- 171.swim: -fast -f77rtl +FDO
- 172.mgrid: basepeak=yes
- 173.applu: -fast -Qscalar_rep -Qauto -f77rtl +FDO
- 177.mesa: -fast +FDO
- 178.galgel: basepeak=yes
- 179.art: basepeak=yes
- 183.equake: -fast -Oa -Qrcd +FDO shlw32M.lib
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SPECfp_rate2000 = 33.3
SPECfp_rate_base2000 = 32.5

Notes/Tuning Information (Continued)
187.facerec: -fast -Qunroll1 -Qscalar_rep -QFDO
188.ammp: basepeak=yes
189.lucas: -fast
191.fma3d: basepeak=yes
200.sixtrack: -Qipo +FDO
301.apsi: basepeak=yes