# CFP2000 Result

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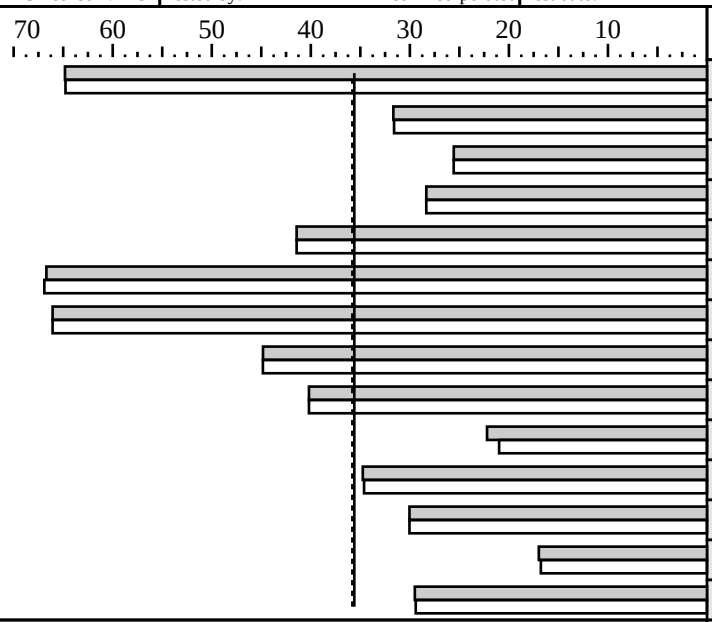
## Acer Incorporated

Acer Altos G330 (1.86 GHz Intel Xeon Processor 3040)

SPECfp_rate2000 = 35.6

SPECfp_rate_base2000 = 35.8

SPEC license #: 97 | Tested by: Acer Incorporated | Test date: Nov-2006 | Hardware Avail: Nov-2006 | Software Avail: Mar-2006




| Benchmark | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|---|---|---|---|---|---|---|
| 168.wupwise | 2 | 57.3 | 64.8 | 2 | 57.3 | 64.8 |
| 171.swim | 2 | 227 | 31.7 | 2 | 228 | 31.6 |
| 172.mgrid | 2 | 163 | 25.6 | 2 | 163 | 25.6 |
| 173.applu | 2 | 172 | 28.3 | 2 | 172 | 28.3 |
| 177.mesa | 2 | 78.4 | 41.4 | 2 | 78.4 | 41.4 |
| 178.galgel | 2 | 101 | 66.7 | 2 | 101 | 66.9 |
| 179.art | 2 | 91.3 | 66.1 | 2 | 91.3 | 66.1 |
| 183.equake | 2 | 67.3 | 44.8 | 2 | 67.3 | 44.8 |
| 187.facerec | 2 | 110 | 40.2 | 2 | 110 | 40.2 |
| 188.ammp | 2 | 230 | 22.2 | 2 | 243 | 21.0 |
| 189.lucas | 2 | 134 | 34.8 | 2 | 134 | 34.6 |
| 191.fma3d | 2 | 162 | 30.0 | 2 | 162 | 30.0 |
| 200.sixtrack | 2 | 150 | 17.0 | 2 | 152 | 16.8 |
| 301.apsi | 2 | 204 | 29.5 | 2 | 205 | 29.4 |

### Hardware

| | |
|---|---|
| CPU: | Intel Xeon Processor 3040 (1.86 GHz, 2MB L2, 1066MHz system bus) |
| CPU MHz: | 1866 |
| FPU: | Integrated |
| CPU(s) enabled: | 2 cores, 1 chip, 2 cores/chip |
| CPU(s) orderable: | 1 chip |
| Parallel: | No |
| Primary Cache: | 32KB(I) + 32KB(D) on chip, per core |
| Secondary Cache: | 2048KB(I+D) on chip, per chip |
| L3 Cache: | N/A |
| Other Cache: | N/A |
| Memory: | 4 x 1024MB ECC DDR2-667 |
| Disk Subsystem: | 1 x 80GB 7200RPM SATA HDD |
| Other Hardware: | |

### Software

| | |
|---|---|
| Operating System: | Microsoft Windows Server 2003 Enterprise Edition (Build 3790), Service Pack 1 |
| Compiler: | Intel C++ 9.1 Build 20060323Z for IA32 and Fortran Compiler 9.1 Build 20060323Z for IA32<br>Microsoft Visual Studio .Net 2003 (7.1.3091, for libraries)<br>shlW32M.lib is SmartHeap Library Version 7.4 from http://www.microquill.com/ |
| File System: | NTFS |
| System State: | Default |

## Notes/Tuning Information

```
+FDO: PASS1=  -Qprof_gen  PASS2=-Qprof_use
+FDO*: FDO (-QxP not used in PASS1)
Base tuning for all Fortran Programs :  -fast -Qansi_alias +FDO
Base tuning for all C Programs: -fast +FDO shlw32M.lib
Portability:
178.galgel:   -FI /F32000000
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 +FDO shlw32M.lib
187.facerec:  basepeak=yes
188.ammp:     -Oa -QxP
```

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## Notes/Tuning Information (Continued)

```
189.lucas:    -fast -Qprefetch- +FDO
191.fma3d:    basepeak=yes
200.sixtrack: -Qipo -QxP +FDO*
301.apsi:     -fast +FDO
```