# CFP2000 Result

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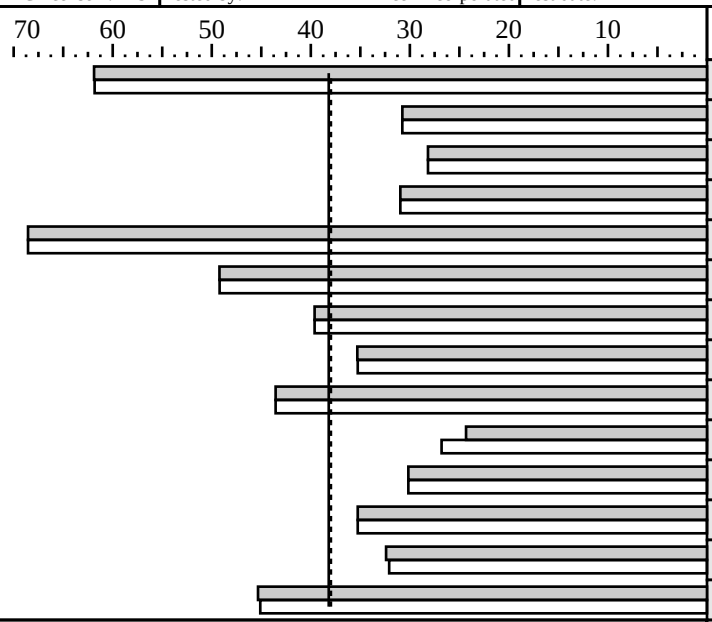
## Acer Incorporated

## Acer Altos R910 (3.66 GHz Intel Xeon MP)

SPECfp_rate2000 = 38.2

SPECfp_rate_base2000 = 38.0

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




| Benchmark | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|---|---|---|---|---|---|---|
| 168.wupwise | 4 | 120 | 61.9 | 4 | 120 | 61.8 |
| 171.swim | 4 | 468 | 30.8 | 4 | 468 | 30.8 |
| 172.mgrid | 4 | 296 | 28.2 | 4 | 297 | 28.2 |
| 173.applu | 4 | 315 | 31.0 | 4 | 315 | 31.0 |
| 177.mesa | 4 | 94.8 | 68.5 | 4 | 94.8 | 68.5 |
| 178.galgel | 4 | 273 | 49.2 | 4 | 273 | 49.2 |
| 179.art | 4 | 305 | 39.6 | 4 | 305 | 39.6 |
| 183.equake | 4 | 171 | 35.3 | 4 | 171 | 35.3 |
| 187.facerec | 4 | 202 | 43.6 | 4 | 202 | 43.6 |
| 188.ammp | 4 | 420 | 24.3 | 4 | 381 | 26.8 |
| 189.lucas | 4 | 308 | 30.2 | 4 | 308 | 30.2 |
| 191.fma3d | 4 | 276 | 35.3 | 4 | 276 | 35.3 |
| 200.sixtrack | 4 | 158 | 32.4 | 4 | 159 | 32.1 |
| 301.apsi | 4 | 266 | 45.3 | 4 | 267 | 45.1 |

### Hardware

| | |
|---|---|
| CPU: | Intel Xeon MP (3.66 GHz, 1MB L2, 667MHz system bus) |
| CPU MHz: | 3660 |
| FPU: | Integrated |
| CPU(s) enabled: | 4 cores, 4 chips, 1 core/chip (Hyper-Threading Technology disabled) |
| CPU(s) orderable: | 1,2,3,4 |
| Parallel: | No |
| Primary Cache: | 12K micro-ops I + 16KB(D) on chip |
| Secondary Cache: | 1024KB(I+D) on chip (per chip) |
| L3 Cache: | N/A |
| Other Cache: | N/A |
| Memory: | 16 x 1024MB ECC DDR2-400 SDRAM |
| Disk Subsystem: | 1 x 73GB 10000RPM U320 SCSI 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
Base tuning for all Fortran Programs :  -fast -Qansi_alias +FDO
Base tuning for all C Programs: -fast -Qansi_alias +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
189.lucas:    -fast -Qprefetch- +FDO
```

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## Notes/Tuning Information (Continued)

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