CFP2000 Result

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Acer Incorporated

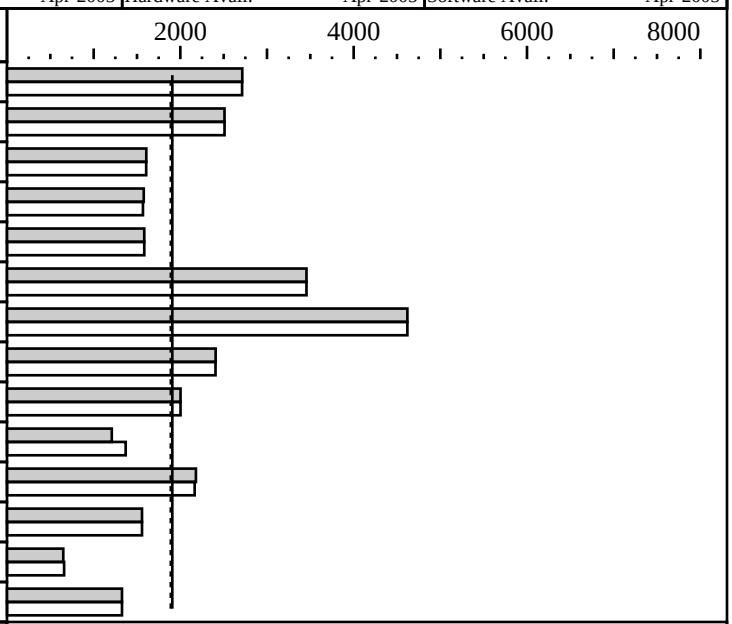
Altos G310 Mk2 (3.6 GHz Intel Pentium 4)

SPECfp2000 = 1907

SPECfp_base2000 = 1890

SPEC license #: 97 | Tested by: Acer Incorporated | Test date: Apr-2005 | Hardware Avail: Apr-2005 | Software Avail: Apr-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	58.9	2715	59.0	2713
171.swim	3100	124	2510	124	2510
172.mgrid	1800	112	1607	112	1606
173.applu	2100	133	1578	134	1569
177.mesa	1400	88.4	1584	88.4	1584
178.galgel	2900	83.9	3456	83.9	3456
179.art	2600	56.3	4620	56.3	4620
183.equake	1300	54.0	2407	54.0	2406
187.facerec	1900	94.9	2002	94.9	2002
188.ammp	2200	182	1209	161	1369
189.lucas	2000	91.8	2180	92.4	2165
191.fma3d	2100	135	1558	135	1558
200.sixtrack	1100	169	649	167	659
301.apsi	2600	196	1327	196	1327



Hardware

CPU:	Intel Pentium 4 (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
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:	4 x 1024MB ECC DDR2-533 SDRAM
Disk Subsystem:	1 x 80GB 7200RPM SATA HDD
Other Hardware:	

Software

Operating System:	Microsoft Windows Server 2003 Enterprise Edition (Build 3790)
Compiler:	Intel C++ Build 20041019Z and Fortran Compiler 8.1 Build 20040802Z Microsoft Visual Studio .Net 2003(7.1.3091, for libraries) 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 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 /F32000000
Peak tuning:
168.wupwise:  -fast -Qansi_alias +FDO
171.swim:     -fast -Qansi_alias +FDO
172.mgrid:    -fast -Qansi_alias +FDO
173.applu:  -fast -Qscalar_rep- -Qauto  +FDO
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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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

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