CFP2000 Result

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Acer Incorporated

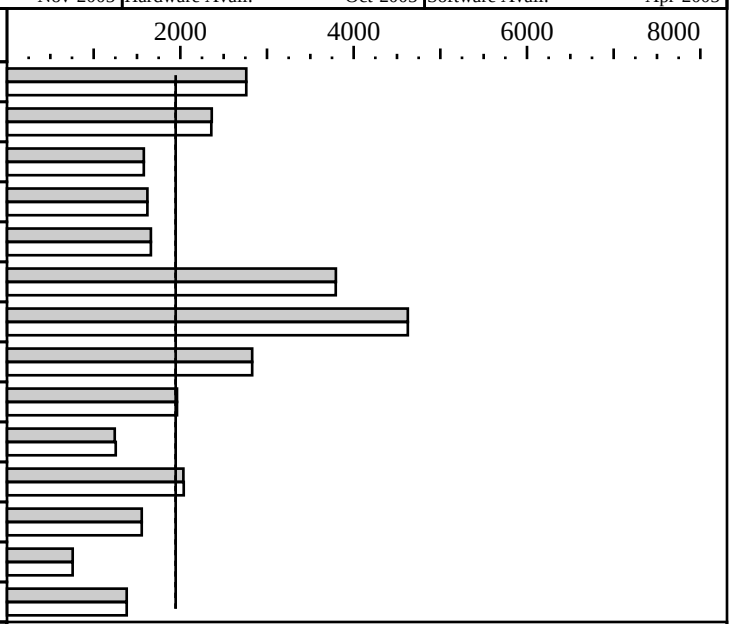
Acer Altos G710 (3.8 GHz Intel Xeon processor, 2MB L2, 800MHz system bus)

SPECfp2000 = 1946

SPECfp_base2000 = 1945

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	58.0	2761	58.0	2761
171.swim	3100	131	2362	132	2357
172.mgrid	1800	114	1579	114	1579
173.applu	2100	130	1620	130	1620
177.mesa	1400	84.3	1660	84.3	1660
178.galgel	2900	76.4	3795	76.5	3793
179.art	2600	56.2	4625	56.2	4625
183.equake	1300	46.0	2829	46.0	2829
187.facerec	1900	96.9	1962	96.9	1962
188.ammp	2200	177	1243	175	1255
189.lucas	2000	98.3	2035	98.1	2039
191.fma3d	2100	135	1555	135	1555
200.sixtrack	1100	145	758	145	757
301.apsi	2600	188	1381	188	1381



Hardware

CPU:	Intel Xeon (3.8 GHz, 2MB L2, 800MHz system bus)
CPU MHz:	3800
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip(Hyper-Threading Technology Disable)
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:	8 x 512MB ECC DDR2-400 SDRAM
Disk Subsystem:	1 x 36GB 10000RPM U320 SCSI HDD
Other Hardware:	

Software

Operating System:	Microsoft Windows Server 2003 Enterprise Edition (Build 3790)
Compiler:	Intel C++ 9.0 Build 20050430Z for IA32 and Fortran Compiler 9.0 Build 20050722Z for IA32 Microsoft Visual Studio .Net 2003(7.1.3091, for libraries) 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 +FDO shlw32M.lib
Portability:
178.galgel:   -FI /F32000000
192.fma3d:   Approved windowsdp src.alt used
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
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

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