CFP2000 Result

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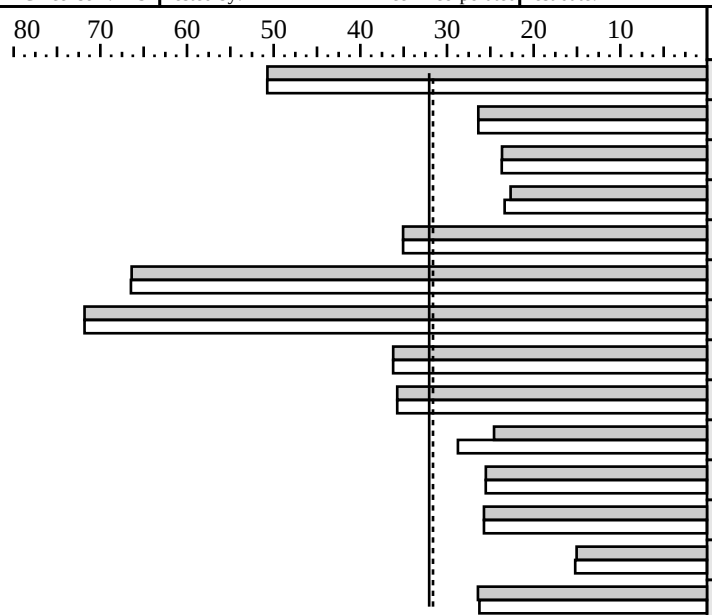
Acer Incorporated
Altos G710 (3.6 GHz Intel Xeon)

SPECfp_rate2000 = 32.1

SPECfp_rate_base2000 = 31.6

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	73.2	50.7	2	73.2	50.7
171.swim	2	273	26.4	2	273	26.4
172.mgrid	2	177	23.7	2	176	23.7
173.applu	2	215	22.7	2	209	23.3
177.mesa	2	92.6	35.1	2	92.6	35.1
178.galgel	2	101	66.4	2	101	66.5
179.art	2	84.0	71.8	2	84.0	71.8
183.equake	2	83.3	36.2	2	83.3	36.2
187.facerec	2	123	35.7	2	123	35.7
188.ammp	2	208	24.6	2	178	28.7
189.lucas	2	182	25.5	2	182	25.5
191.fma3d	2	189	25.7	2	189	25.7
200.sixtrack	2	170	15.0	2	168	15.2
301.apsi	2	228	26.4	2	230	26.3

Hardware

CPU:	Intel Xeon (3.6 GHz, 2MB L2, 800MHz system bus)
CPU MHz:	3600
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:	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 73GB 10000RPM U320 SCSI 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
```