CFP2000 Result

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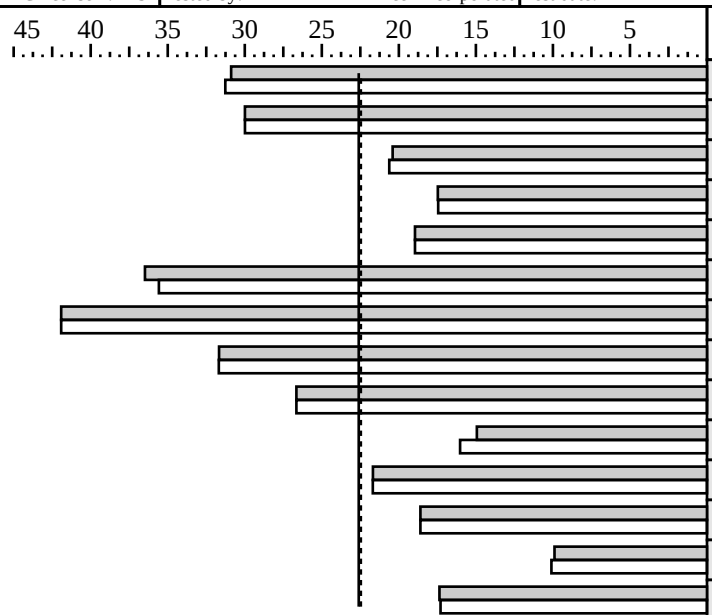
Acer Incorporated

Altos G310 Mk2 (3.6 GHz Intel Pentium 4)

SPECfp_rate2000 = 22.6

SPECfp_rate_base2000 = 22.5

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	120	30.9	2	119	31.3
171.swim	2	240	30.0	2	240	30.0
172.mgrid	2	205	20.4	2	203	20.6
173.applu	2	279	17.5	2	279	17.4
177.mesa	2	171	19.0	2	171	19.0
178.galgel	2	184	36.5	2	189	35.6
179.art	2	144	41.9	2	144	41.9
183.equake	2	95.2	31.7	2	95.2	31.7
187.facerec	2	165	26.6	2	165	26.6
188.ammp	2	342	14.9	2	319	16.0
189.lucas	2	214	21.7	2	214	21.7
191.fma3d	2	262	18.6	2	262	18.6
200.sixtrack	2	258	9.90	2	253	10.1
301.apsi	2	347	17.4	2	349	17.3

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 enabled)
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
```