CFP2000 Result

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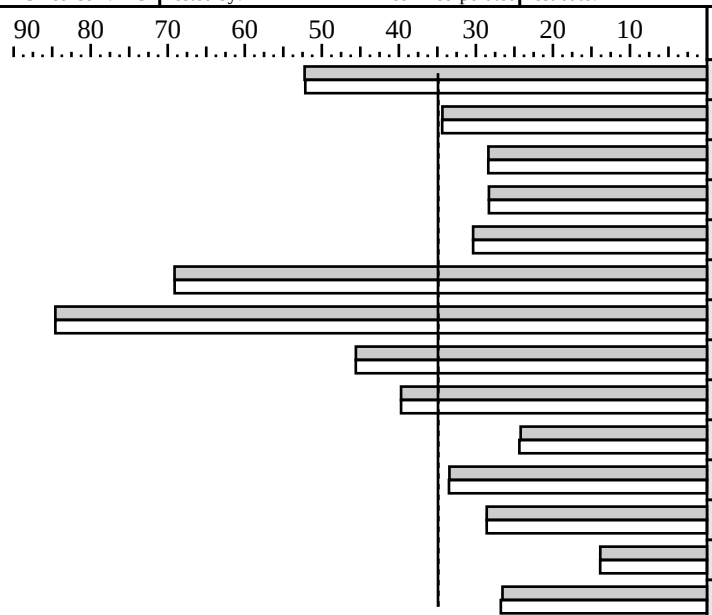
Acer Incorporated

Acer Altos G320 (3.0 GHz Intel Pentium D 930)

SPECfp_rate2000 = 34.9

SPECfp_rate_base2000 = 34.9

SPEC license #: 97 | Tested by: Acer Incorporated | Test date: May-2006 | Hardware Avail: May-2006 | Software Avail: Nov-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	71.1	52.2	2	71.2	52.1
171.swim	2	209	34.3	2	209	34.4
172.mgrid	2	147	28.4	2	147	28.4
173.applu	2	172	28.3	2	172	28.3
177.mesa	2	107	30.4	2	107	30.4
178.galgel	2	97.3	69.1	2	97.4	69.1
179.art	2	71.3	84.6	2	71.3	84.6
183.equake	2	66.2	45.6	2	66.2	45.6
187.facerec	2	111	39.7	2	111	39.7
188.ammp	2	211	24.2	2	210	24.4
189.lucas	2	139	33.4	2	139	33.5
191.fma3d	2	170	28.6	2	170	28.6
200.sixtrack	2	184	13.9	2	184	13.9
301.apsi	2	227	26.5	2	225	26.8

Hardware

CPU:	Intel Pentium D 930 (3.0 GHz, 2x2MB L2, 800MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12KB(I) micro-ops + 16KB(D) on chip, per core
Secondary Cache:	2048KB(I+D) on chip, per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 x 1024MB ECC DDR2-667 SDRAM
Disk Subsystem:	1 x 73GB 10000RPM SATA HDD
Other Hardware:	

Software

Operating System:	Microsoft Windows Server 2003 Enterprise Edition (Build 3790), Service Pack 1
Compiler:	Intel C++ 9.0 Build 20051130Z for IA32 and Fortran Compiler 9.0 Build 20051130Z 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
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
Enable hardware prefetching and adjacent cache line prefetch BIOS setting
Product description located at http://www.acer.com
```