CFP2000 Result

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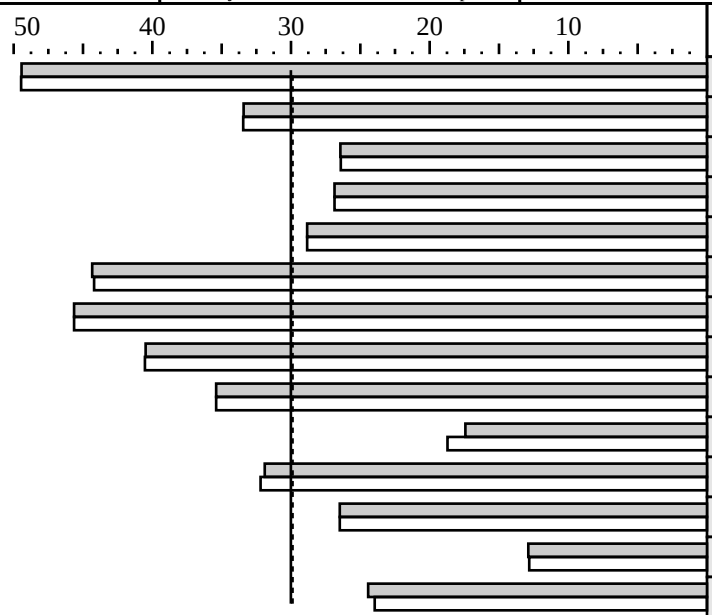
Acer Incorporated

Altos G320 (2.8 GHz Intel Pentium D 820)

SPECfp_rate2000 = 30.0

SPECfp_rate_base2000 = 29.9

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	75.1	49.4	2	75.0	49.5
171.swim	2	215	33.4	2	215	33.4
172.mgrid	2	158	26.4	2	158	26.4
173.applu	2	181	26.9	2	181	26.9
177.mesa	2	113	28.8	2	113	28.8
178.galgel	2	152	44.3	2	152	44.2
179.art	2	132	45.6	2	132	45.6
183.equake	2	74.5	40.5	2	74.4	40.5
187.facerec	2	125	35.4	2	125	35.4
188.ammp	2	293	17.4	2	273	18.7
189.lucas	2	145	31.9	2	144	32.2
191.fma3d	2	184	26.5	2	184	26.5
200.sixtrack	2	198	12.9	2	199	12.8
301.apsi	2	247	24.4	2	252	24.0

Hardware

CPU:	Intel Pentium D (2.8 GHz, 2x1MB L2, 800MHz system bus)
CPU MHz:	2800
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:	1024KB(I+D) on chip, per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 x 1024MB ECC DDR2-667 Unbuffered 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
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
Product description located at http://www.acer.com
```