CFP2000 Result

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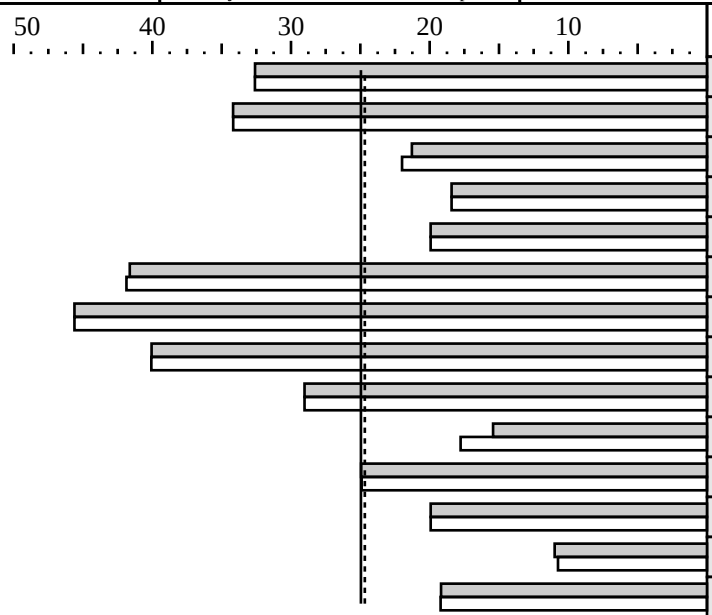
Acer Incorporated

Acer Altos G320 (3.8 GHz Intel Pentium 4 670, 2MB L2)

SPECfp_rate2000 = 25.0

SPECfp_rate_base2000 = 24.7

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	114	32.6	2	114	32.6
171.swim	2	210	34.2	2	210	34.2
172.mgrid	2	196	21.3	2	190	22.0
173.applu	2	265	18.4	2	265	18.4
177.mesa	2	163	19.9	2	163	19.9
178.galgel	2	162	41.6	2	161	41.9
179.art	2	132	45.6	2	132	45.6
183.equake	2	75.3	40.1	2	75.3	40.1
187.facerec	2	152	29.0	2	152	29.0
188.ammp	2	331	15.4	2	287	17.8
189.lucas	2	186	24.9	2	186	24.9
191.fma3d	2	245	19.9	2	245	19.9
200.sixtrack	2	232	11.0	2	238	10.7
301.apsi	2	315	19.2	2	314	19.2

Hardware

CPU:	Intel Pentium 4 670 (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 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 DDR2-667 SDRAM
Disk Subsystem:	1 x 74GB 10000RPM SATA HDD
Other Hardware:	

Software

Operating System:	Microsoft Windows Server 2003 Enterprise Edition (Build 3790)
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 Microquill SmartHeap Library Version 7.4
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
```