CFP2000 Result

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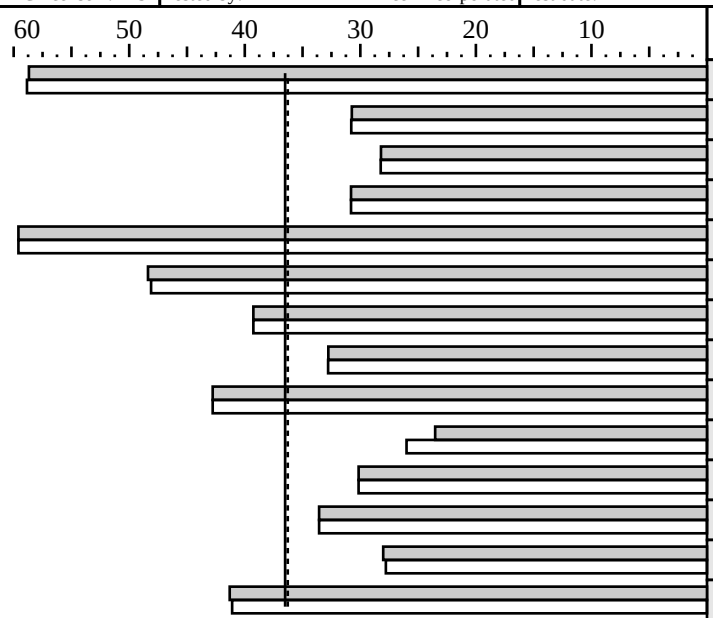
Acer Incorporated

Acer Altos R910 (3.16 GHz Intel Xeon MP)

SPECfp_rate2000 = 36.5

SPECfp_rate_base2000 = 36.3

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	127	58.7	4	126	58.8
171.swim	4	468	30.7	4	467	30.8
172.mgrid	4	296	28.2	4	296	28.2
173.applu	4	316	30.8	4	316	30.8
177.mesa	4	109	59.6	4	109	59.6
178.galgel	4	278	48.4	4	280	48.1
179.art	4	307	39.3	4	307	39.3
183.equake	4	184	32.8	4	184	32.8
187.facerec	4	206	42.8	4	206	42.8
188.ammp	4	434	23.5	4	393	26.0
189.lucas	4	308	30.1	4	308	30.2
191.fma3d	4	290	33.6	4	290	33.6
200.sixtrack	4	182	28.0	4	184	27.8
301.apsi	4	292	41.3	4	294	41.1

Hardware

CPU:	Intel Xeon MP (3.16 GHz, 1MB L2, 667MHz system bus)
CPU MHz:	3160
FPU:	Integrated
CPU(s) enabled:	4 cores, 4 chips, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2,3,4
Parallel:	No
Primary Cache:	12K micro-ops I + 16KB(D) on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	16 x 1024MB 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), 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
```