CFP2000 Result

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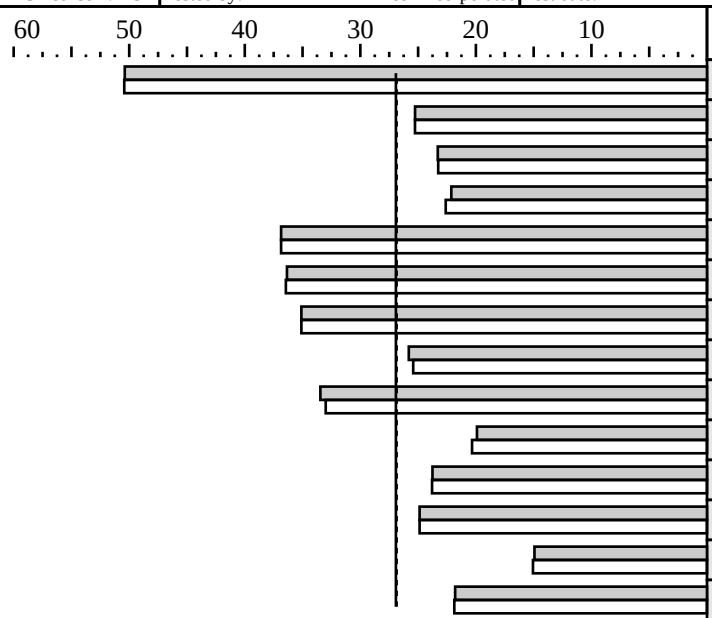
Acer Incorporated
Altos R710 (3.6 GHz Intel Xeon)

SPECfp_rate2000 = 26.9

SPECfp_rate_base2000 = 26.9

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	73.7	50.4	2	73.6	50.4
171.swim	2	285	25.3	2	285	25.3
172.mgrid	2	179	23.3	2	180	23.3
173.applu	2	220	22.1	2	215	22.6
177.mesa	2	88.1	36.9	2	88.1	36.9
178.galgel	2	185	36.3	2	185	36.4
179.art	2	172	35.1	2	172	35.1
183.equake	2	117	25.8	2	119	25.4
187.facerec	2	132	33.5	2	134	33.0
188.ammp	2	256	19.9	2	251	20.3
189.lucas	2	195	23.8	2	195	23.8
191.fma3d	2	196	24.9	2	196	24.9
200.sixtrack	2	171	14.9	2	169	15.1
301.apsi	2	277	21.8	2	276	21.9

Hardware

CPU:	Intel Xeon (3.6 GHz, 1MB L2, 800MHz system bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip(Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12KB(I) micro-ops + 16KB(D) on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	6x512MB ECC DDR2-400 SDRAM
Disk Subsystem:	1 x 36GB 10000RPM U320 SCSI HDD
Other Hardware:	

Software

Operating System:	Windows2003 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)
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=  -Qprof_gen  PASS2=-Qprof_use
Base tuning:  -fast -Qansi_alias +FDO
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:   -QxP -Oa -Qrcd -Qipo +FDO
187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     -Oa -QxP
189.lucas:    -fast -Qprefetch- +FDO
191.fma3d:    basepeak=yes
```

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Notes/Tuning Information (Continued)

```
200.sixtrack: -Qipo -QxP +FDO
301.apsi:     -fast +FDO
Enable hardware prefetching and adjacent cache line prefetch BIOS setting
Product description located as of Apr-2005:
http://www.acer.com
```