CFP2000 Result

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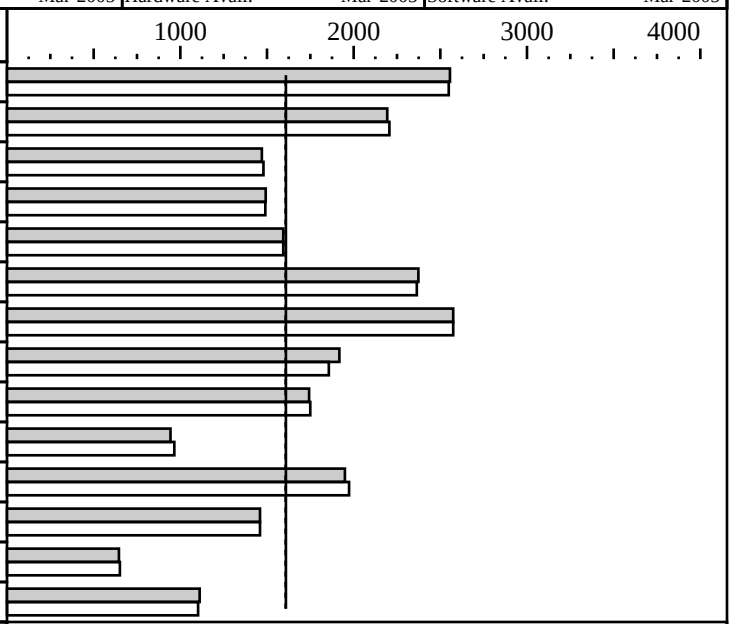
Acer Incorporated
Altos R710 (3.6 GHz Intel Xeon)

SPECfp2000 = 1609

SPECfp_base2000 = 1608

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	62.6	2556	62.8	2549
171.swim	3100	141	2194	141	2206
172.mgrid	1800	122	1470	122	1480
173.applu	2100	141	1493	141	1490
177.mesa	1400	87.8	1594	87.8	1594
178.galgel	2900	122	2373	123	2364
179.art	2600	101	2574	101	2574
183.equake	1300	67.8	1917	70.0	1857
187.facerec	1900	109	1743	109	1750
188.ammp	2200	233	943	228	965
189.lucas	2000	103	1949	101	1973
191.fma3d	2100	144	1460	144	1460
200.sixtrack	1100	170	646	169	651
301.apsi	2600	234	1111	236	1102



Hardware

CPU:	Intel Xeon (3.6 GHz, 1MB L2, 800MHz system bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 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
```