CFP2000 Result

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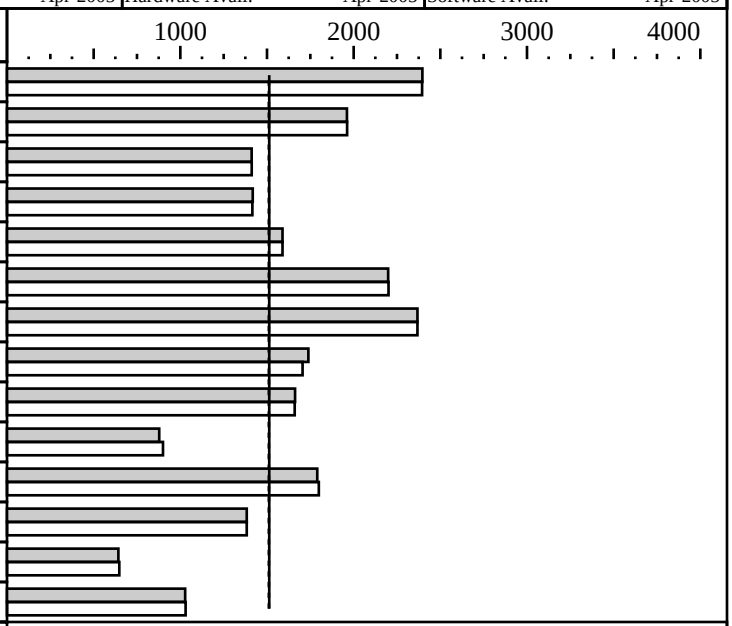
Acer Incorporated
Altos G520 (3.6 GHz Intel Xeon)

SPECfp2000 = 1513

SPECfp_base2000 = 1511

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	66.8	2396	66.8	2395
171.swim	3100	158	1961	158	1962
172.mgrid	1800	128	1411	128	1412
173.applu	2100	148	1418	148	1416
177.mesa	1400	88.1	1590	88.1	1590
178.galgel	2900	132	2199	132	2201
179.art	2600	110	2368	110	2368
183.equake	1300	74.8	1739	76.2	1705
187.facerec	1900	114	1662	114	1660
188.ammp	2200	251	878	244	900
189.lucas	2000	112	1790	111	1799
191.fma3d	2100	152	1383	152	1383
200.sixtrack	1100	171	643	170	648
301.apsi	2600	253	1028	252	1030



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:	4 x 1024MB ECC DDR-333 SDRAM
Disk Subsystem:	1 x 80GB 7200RPM SATA HDD
Other Hardware:	

Software

Operating System:	Microsoft Windows Server 2003 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 at http://www.acer.com
```