CFP2000 Result

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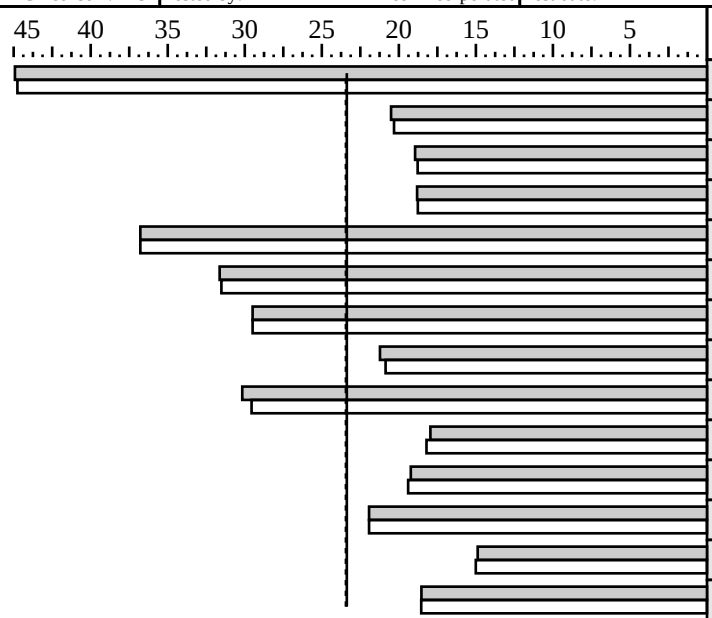
Acer Incorporated
Altos G520 (3.6 GHz Intel Xeon)

SPECfp_rate2000 = 23.4

SPECfp_rate_base2000 = 23.4

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	82.6	44.9	2	82.9	44.8
171.swim	2	351	20.5	2	354	20.3
172.mgrid	2	220	18.9	2	222	18.8
173.applu	2	259	18.8	2	260	18.8
177.mesa	2	88.3	36.8	2	88.3	36.8
178.galgel	2	213	31.6	2	213	31.5
179.art	2	205	29.5	2	205	29.5
183.equake	2	142	21.2	2	145	20.9
187.facerec	2	146	30.2	2	149	29.6
188.ammp	2	284	18.0	2	280	18.2
189.lucas	2	241	19.2	2	239	19.4
191.fma3d	2	222	21.9	2	222	21.9
200.sixtrack	2	171	14.9	2	170	15.0
301.apsi	2	325	18.5	2	325	18.5

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:	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
```