CFP2000 Result

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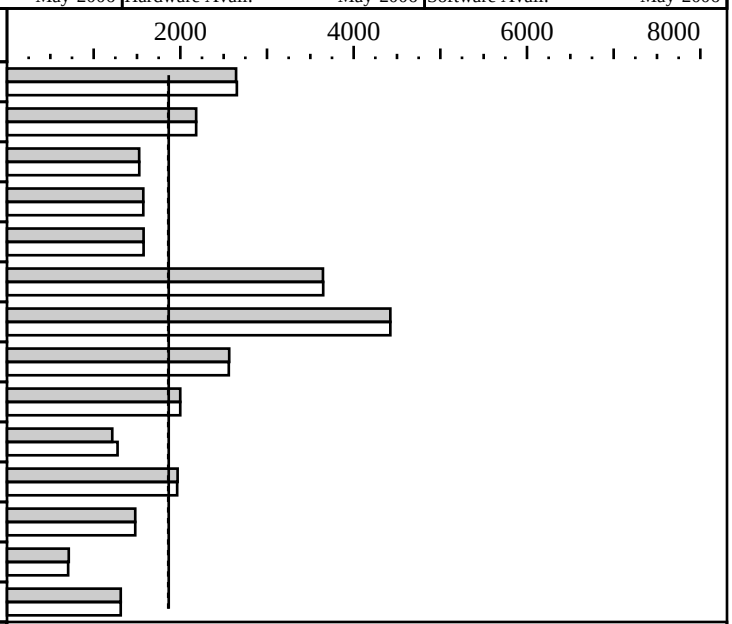
CAIRA
PCSC36 (3.6 GHz Intel pentium 4)

SPECfp2000 = 1866

SPECfp_base2000 = 1861

SPEC license #: 3195 | Tested by: CAIRA | Test date: May-2006 | Hardware Avail: May-2006 | Software Avail: May-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	60.5	2643	60.3	2652
171.swim	3100	142	2183	142	2183
172.mgrid	1800	118	1525	118	1526
173.applu	2100	134	1573	134	1573
177.mesa	1400	88.8	1576	88.8	1576
178.galgel	2900	79.5	3646	79.5	3648
179.art	2600	58.8	4423	58.8	4423
183.equake	1300	50.7	2564	50.8	2559
187.facerec	1900	95.0	1999	95.0	1999
188.ammp	2200	181	1215	172	1276
189.lucas	2000	102	1969	102	1963
191.fma3d	2100	142	1480	142	1480
200.sixtrack	1100	154	713	156	706
301.apsi	2600	198	1312	198	1312



Hardware

CPU:	Intel P4 (3.6 GHz, 2MB L2, 800MHz system bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip(Hyper-Threading Technology enabled)
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12KB(I) micro-ops + 16KB(D) on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2 x 512 MB ECC DDR2-533 SDRAM Dual Channel
Disk Subsystem:	1 x 80GB SATA HDD
Other Hardware:	

Software

Operating System:	Microsoft Windows XP
Compiler:	Intel(R) C++ Compiler for 32-bit, Version 9.0 Intel(R) Fortran Compiler for 32-bit, Version 9.0 Microsoft Visual Studio .NET 2003 (for libraries) MicroQuill SmartHeap version 8.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
 +FDO: PASS1=  -Qprof_gen  PASS2=-Qprof_use
+FDO*: FDO (-QxP not used in PASS1 to enable cross-compilation)
 Base tuning for Fortran Programs :  -fast -Qansi_alias -Qprof_gen +FDO
 177.mesa:Base for C Program: -fast -Qprof_gen shlw32m.lib
 179.art:Base for C Program: -fast -Qprof_gen shlw32m.lib
 183.equake:Base for C Program: -fast -Qprof_gen shlw32m.lib
 188.ammp:Base for C Program: -fast -Qprof_gen shlw32m.lib
 Portability flags:
 178.galgel:   -FI /F32000000
 Peak tuning:
 168.wupwise:  -fast -Qansi_alias +FDO
 171.swim:     basepeak=yes
 172.mgrid:    -fast -Qansi_alias +FDO
 173.applu:  basepeak=yes
 177.mesa:   basepeak=yes
 178.galgel:   -fast -Qansi_alias +FDO
 179.art:      basepeak=yes
```

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Notes/Tuning Information (Continued)

```
183.equake:   -fast -Oa -Qrcd -Qprof_gen shlw32m.lib ONESTEP=yes
187.facerec:  basepeak=yes
188.ammp:     -fast -Oa +FDO
189.lucas:    -fast -Qprefetch- +FDO
191.fma3d:    basepeak=yes
200.sixtrack: -Qipo -QxP +FDO*
301.apsi:     -fast +FDO
```