CFP2000 Result

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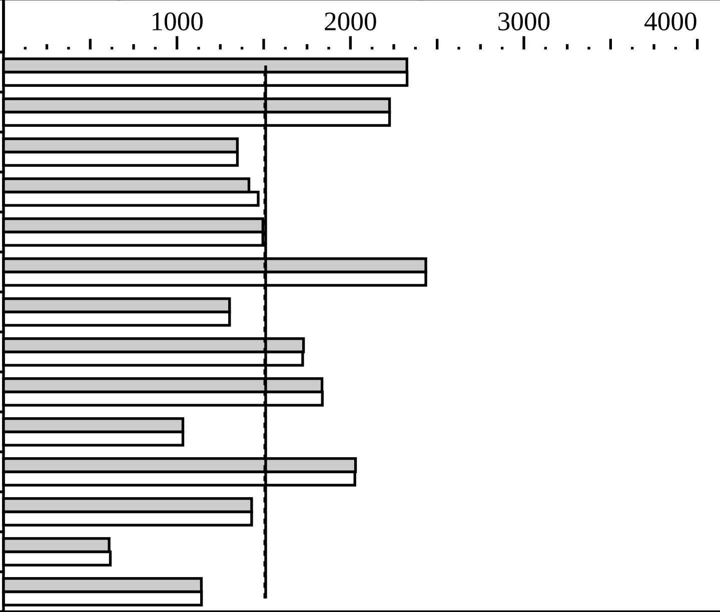
Fujitsu Siemens Computers
CELSIUS M430, Pentium 4 3.4F GHz

SPECfp2000 = 1512
SPECfp_base2000 = 1507

SPEC license #: 22	Tested by: Fujitsu Siemens Computers	Test date: Aug-2004	Hardware Avail: Aug-2004	Software Avail: Mar-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	68.8	2326	68.8	2327
171.swim	3100	139	2226	139	2226
172.mgrid	1800	134	1348	133	1348
173.applu	2100	148	1415	143	1468
177.mesa	1400	93.6	1495	93.6	1495
178.galgel	2900	119	2435	119	2435
179.art	2600	200	1303	200	1303
183.equake	1300	75.2	1730	75.4	1725
187.facerec	1900	103	1836	103	1838
188.ammp	2200	213	1034	213	1034
189.lucas	2000	98.5	2030	98.7	2026
191.fma3d	2100	147	1431	147	1431
200.sixtrack	1100	181	609	179	616
301.apsi	2600	228	1141	228	1142



Hardware

CPU:	Intel Pentium 4 (3.4F GHz, 800 MHz bus, Intel EM64T)
CPU MHz:	3400
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (HT Technology disabled)
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2048 MB (4 512 MB PC2-4200, CL4, DDR2 ECC modules)
Disk Subsystem:	Maxtor 6Y160M0 (Serial ATA 7200 rpm)
Other Hardware:	

Software

Operating System:	Windows XP Professional, Service Pack 1
Compiler:	Intel(R) C++ Compiler, Version 8.0, - Build 20040318Z Package ID: W_CC_PC_8.0.048 Intel(R) Fortran Compiler, Version 8.0 - Build 20040318Z Package ID: w_fc_pc_8.0.047 Microsoft Visual Studio .NET 7.0 (for libraries) MicroQuill SmartHeap Library 6.03a
File System:	FAT32
System State:	Default

Notes/Tuning Information

```
Portability flags:
178.galgel: -FI /F32000000

Feedback optimization:
  +FDO: PASS1= -Qprof_gen PASS2= -Qprof_use

 Baseline Tuning Flags:
 for C programs:
 -QxP -fast -Qansi_alias +FDO
 for Fortran programs:
 -QxP -fast -Qansi_alias +FDO

 Peak Tuning Flags:
 168.wupwise:  -QxP -fast -Qansi_alias +FDO
 171.swim:     basepeak=yes
 172.mgrid:    -QxP -fast -Qansi_alias +FDO
 173.applu:  -QxP -fast -Qscalar_rep- -Qauto  +FDO
```

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Notes/Tuning Information (Continued)

```
177.mesa:   -QxP -fast -Oa -Qscalar_rep- +FDO
178.galgel:     basepeak=yes
179.art:      basepeak=yes
183.equake:   -QxP -Oa -Qrcd -Qipo +FDO
187.facerec:  -QxP -fast -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     basepeak=yes
189.lucas:    -QxP -fast -Qprefetch- +FDO
191.fma3d:    basepeak=yes
200.sixtrack: -Qipo -QxP +FDO
301.apsi:     -QxP -fast +FDO
```

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