CFP2000 Result

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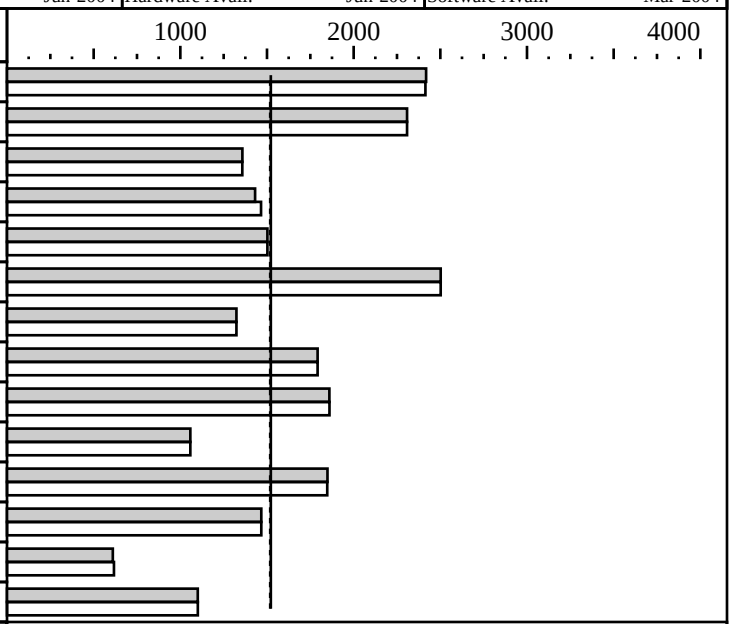
Fujitsu Siemens Computers
CELSIUS M420

SPECfp2000 = 1522

SPECfp_base2000 = 1519

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	66.2	2418	66.3	2414
171.swim	3100	134	2308	134	2308
172.mgrid	1800	133	1358	133	1358
173.applu	2100	147	1431	143	1466
177.mesa	1400	93.2	1502	93.2	1502
178.galgel	2900	116	2502	116	2502
179.art	2600	196	1324	196	1324
183.equake	1300	72.5	1792	72.5	1792
187.facerec	1900	102	1860	102	1860
188.ammp	2200	208	1058	208	1058
189.lucas	2000	108	1849	108	1848
191.fma3d	2100	143	1467	143	1467
200.sixtrack	1100	180	610	178	617
301.apsi	2600	236	1101	236	1101



Hardware

CPU:	Pentium 4 processor (3.4E GHz, 800 MHz bus)
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 PC3200 DDR 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

The system bus runs at 800 MHz

For information about Fujitsu Siemens Computers in your country please see:
http://www.fujitsu-siemens.com/countries
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