CFP2000 Result

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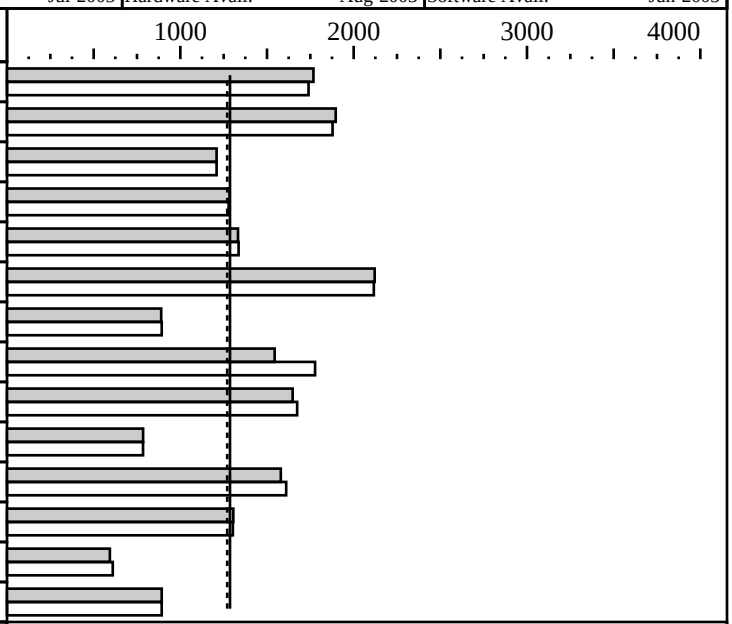
Fujitsu Siemens Computers Celsius M420

SPECfp2000 = 1287

SPECfp_base2000 = 1271

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Jul-2003 | Hardware Avail: Aug-2003 | Software Avail: Jun-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	90.5	1768	92.0	1740
171.swim	3100	163	1896	165	1878
172.mgrid	1800	149	1209	149	1209
173.applu	2100	164	1284	164	1279
177.mesa	1400	105	1333	105	1336
178.galgel	2900	137	2121	137	2116
179.art	2600	292	890	291	893
183.equake	1300	84.2	1544	73.1	1777
187.facerec	1900	115	1648	114	1674
188.ammp	2200	280	785	280	785
189.lucas	2000	127	1580	124	1611
191.fma3d	2100	161	1306	161	1303
200.sixtrack	1100	185	593	180	610
301.apsi	2600	291	893	291	892



Hardware

CPU:	Pentium 4 processor (3.2 GHz, 800 MHz bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12k micro-ops I + 8KBD on chip
Secondary Cache:	512KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	1024 MB (2 512 MB PC3200 DDR ECC modules)
Disk Subsystem:	ATA-100
Other Hardware:	

Software

Operating System:	Windows 2000 Professional
Compiler:	Intel(R) C++ Compiler, Version 7.1 Build 20030609Z Intel(R) Fortran Compiler, Version 7.1 Build 20030609Z Microsoft Visual Studio .NET: 7.00.9466 (for libraries) MicroQuill SmartHeap Library 6.03a
File System:	FAT32
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=  -Qprof_gen  PASS2=-Qprof_use
Base tuning:  -Qipo -QxW -O3 +FDO
Portability:
  178.galgel:   -FI /F32000000
Peak tuning:
  168.wupwise:  -Qipo -QaxW -Oa +FDO
  171.swim:     -Qipo -QaxW -O3 +FDO
  172.mgrid:    -Qipo -QaxW -O3 +FDO
  173.applu:    -Qipo -QxW  -O3 -Qscalar_rep- -Qauto +FDO
  177.mesa:     -Qipo -QxW  +FDO
  178.galgel:   -Qipo -QxW  -O3 +FDO
  179.art:      -Qipo -QxW  +FDO
  183.equake:   -Qipo -QxW  -O3 -Oa -Qrcd +FDO shlW32M.lib
  187.facerec:  -Qipo -QaxW -O3 +FDO
  188.ammp:     -Qipo -QxW  -O3 +FDO
  189.lucas:    -Qipo -QxW  +FDO
  191.fma3d:    -Qipo -QaxW -O3 +FDO
```

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Notes/Tuning Information (Continued)

```
  200.sixtrack: -Qipo -QaxW +FDO
  301.apsi:     -Qipo -QxW  -O3 +FDO
Extra Libraries
  shlW32M.lib : MicroQuill SmartHeap Library 6.03a
                www.microquill.com
The system bus runs at 800 MHz
```