CFP2000 Result

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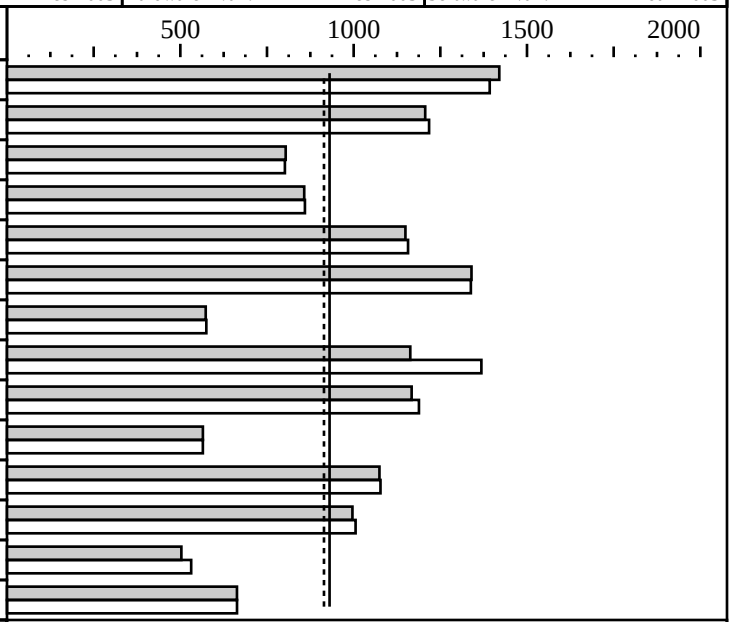
Fujitsu Siemens Computers
CELSIUS R610

SPECfp2000 = 930

SPECfp_base2000 = 914

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Feb-2003 | Hardware Avail: Feb-2003 | Software Avail: Jan-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	113	1420	115	1392
171.swim	3100	257	1206	255	1218
172.mgrid	1800	224	804	225	802
173.applu	2100	245	857	244	859
177.mesa	1400	122	1149	121	1157
178.galgel	2900	216	1340	217	1338
179.art	2600	454	573	452	575
183.equake	1300	112	1163	95.0	1368
187.facerec	1900	163	1167	160	1188
188.ammp	2200	389	565	389	565
189.lucas	2000	186	1074	186	1077
191.fma3d	2100	211	996	209	1006
200.sixtrack	1100	219	503	207	531
301.apsi	2600	392	663	392	664



Hardware

CPU:	Xeon processor (2.8 GHz, 533 MHz bus)
CPU MHz:	2800
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	2
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 PC2100 DDR ECC modules)
Disk Subsystem:	ATA-100
Other Hardware:	

Software

Operating System:	Windows 2000 Professional
Compiler:	Intel(R) C++ Compiler, Version 7.0 Build 20030114Z Intel(R) Fortran Compiler, Version 7.0 Build 20030114Z 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 533 MHz
Only one CPU installed on the system board.
```