CFP2000 Result

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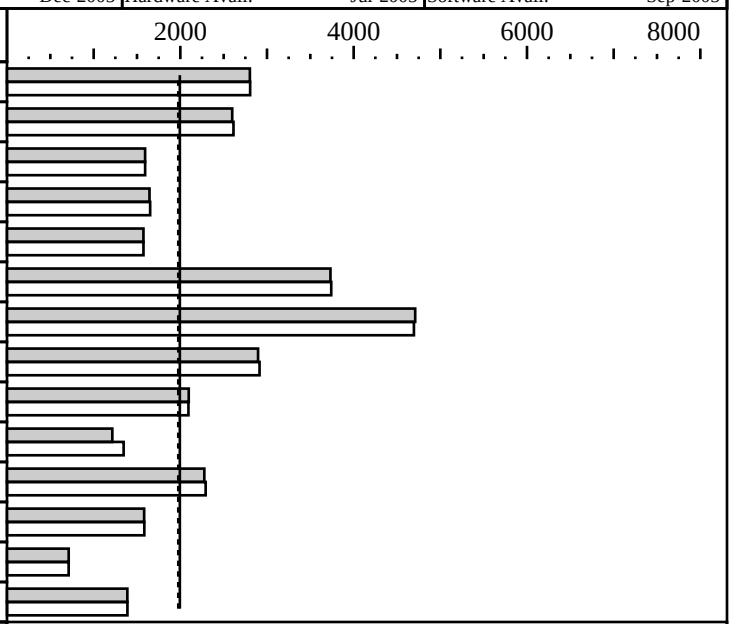
Fujitsu Siemens Computers
CELSIUS M440, Intel Pentium 4 660

SPECfp2000 = 1994

SPECfp_base2000 = 1976

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Dec-2005 | Hardware Avail: Jul-2005 | Software Avail: Sep-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	57.1	2802	57.0	2805
171.swim	3100	119	2599	119	2613
172.mgrid	1800	113	1594	113	1594
173.applu	2100	128	1644	127	1652
177.mesa	1400	88.9	1574	88.9	1575
178.galgel	2900	77.7	3732	77.5	3741
179.art	2600	55.2	4710	55.4	4695
183.equake	1300	44.9	2897	44.6	2914
187.facerec	1900	90.6	2097	90.8	2094
188.ammp	2200	181	1215	163	1346
189.lucas	2000	87.8	2277	87.3	2292
191.fma3d	2100	133	1582	133	1584
200.sixtrack	1100	155	712	155	711
301.apsi	2600	187	1389	187	1390



Hardware

CPU:	Intel Pentium 4 processor 660
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 GB (4x1 GB DDR2-533, 2rank, CL4-4-4, with ECC)
Disk Subsystem:	Serial ATA 7200 rpm
Other Hardware:	

Software

Operating System:	Windows XP Professional, Service Pack 2
Compiler:	Intel(R) C++ Compiler for 32-bit app., Version 9.0, - Build 20050912Z Package ID: W_CC_C_9.0.024 Intel(R) Fortran Compiler for 32-bit app., Version 9.0, - Build 20050912Z Package ID: W_FC_C_9.0.024 Microsoft Visual Studio .NET 2003 (for libraries) MicroQuill SmartHeap Library 7.4
File System:	NTFS
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:
 -fast +FDO shlW32M.lib
 for Fortran programs:
 -fast +FDO shlW32M.lib

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

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Notes/Tuning Information (Continued)

```
 177.mesa:     -fast +FDO
 178.galgel:   -fast +FDO
 179.art:      -fast +FDO shlW32M.lib
 183.equake:   -fast +FDO shlW32M.lib
 187.facerec:  -fast +FDO
 188.ammp:     -fast +FDO
 189.lucas:    -fast +FDO
 191.fma3d:    -fast +FDO
 200.sixtrack: -fast +FDO
 301.apsi:     -fast +FDO

Extra Libraries:
 shlW32M.lib = Microquill SmartHeap Library 7.4
 see www.microquill.com

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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