CFP2000 Result

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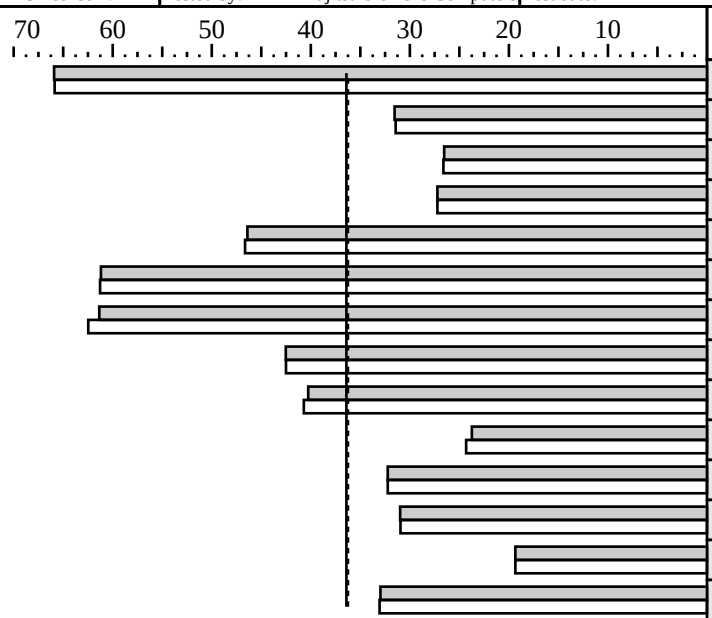
Fujitsu Siemens Computers

CELSIUS M450 (Intel Core 2 Duo processor E6400)

SPECfp_rate2000 = 36.4

SPECfp_rate_base2000 = 36.3

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Aug-2006 | Hardware Avail: Aug-2006 | Software Avail: May-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	56.3	65.9	2	56.4	65.9
171.swim	2	228	31.5	2	229	31.4
172.mgrid	2	157	26.5	2	157	26.6
173.applu	2	179	27.2	2	179	27.2
177.mesa	2	70.0	46.4	2	69.6	46.6
178.galgel	2	110	61.2	2	110	61.3
179.art	2	98.3	61.4	2	96.6	62.5
183.equake	2	70.9	42.5	2	71.0	42.5
187.facerec	2	109	40.3	2	108	40.7
188.ammp	2	215	23.7	2	210	24.3
189.lucas	2	144	32.2	2	144	32.2
191.fma3d	2	157	31.0	2	157	30.9
200.sixtrack	2	132	19.3	2	132	19.3
301.apsi	2	183	33.0	2	182	33.1

Hardware

CPU:	Intel Core 2 Duo processor E6400
CPU MHz:	2133
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1 chip
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip, per core
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x 1GB PC2-5300 5-5-5 2Rank SDRAM
Disk Subsystem:	1 x 160GB SATA 7200 RPM
Other Hardware:	None

Software

Operating System:	Windows XP Professional, Service Pack 2
Compiler:	Intel(R) C++ Compiler for 32-bit app., Version 9.1, - Build 20060519Z Package ID: W_CC_P_9.1.025 Intel(R) Fortran Compiler for 32-bit app., Version 9.1, - Build 20060519Z Package ID: W_FC_P_9.1.025 Microsoft Visual Studio .NET 2003 (for libraries) MicroQuill SmartHeap Library, Version 8 (shlW32M.lib)
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:
 -fast +FDO shlW32M.lib
 for Fortran programs:
 -fast +FDO shlW32M.lib

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

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Notes/Tuning Information (Continued)

```
 173.applu:    basepeak=yes
 177.mesa:     -fast +FDO ONESTEP=yes
 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:    basepeak=yes
 191.fma3d:    -fast +FDO
 200.sixtrack: -fast +FDO
 301.apsi:     -fast +FDO

Extra Libraries:
 shlW32M.lib = Microquill SmartHeap Library 8
 see www.microquill.com

The system bus runs at 1066 MHz

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