CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Fujitsu Siemens Computers

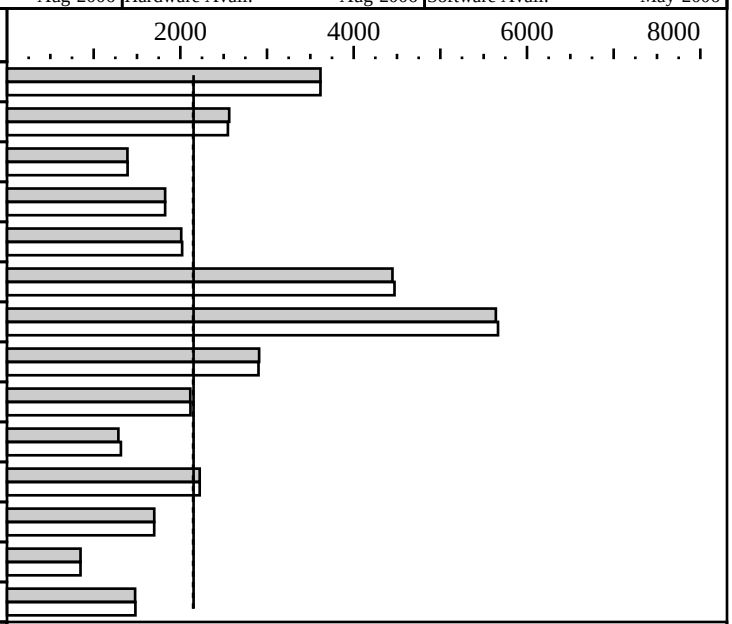
CELSIUS M450 (Intel Core 2 Duo processor E6400)

SPECfp2000 = 2153

SPECfp_base2000 = 2148

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	44.2	3617	44.2	3617
171.swim	3100	121	2564	122	2549
172.mgrid	1800	130	1390	129	1391
173.applu	2100	115	1825	115	1825
177.mesa	1400	69.6	2010	69.3	2021
178.galgel	2900	65.2	4448	64.9	4471
179.art	2600	46.1	5641	45.9	5666
183.equake	1300	44.7	2909	44.8	2902
187.facerec	1900	89.8	2115	89.8	2117
188.ammp	2200	171	1285	167	1314
189.lucas	2000	90.0	2223	90.0	2223
191.fma3d	2100	124	1699	124	1698
200.sixtrack	1100	130	848	130	848
301.apsi	2600	176	1478	175	1482



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
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

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
```