



CFP2000 Result

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Fujitsu Siemens Computers
CELSIUS M450 (Intel Core 2 Duo processor E6600)

SPECfp2000 = 2513
SPECfp_base2000 = 2506

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	40.8	3919	40.7	3928
171.swim	3100	116	2666	117	2658
172.mgrid	1800	115	1564	115	1563
173.applu	2100	105	1991	105	1991
177.mesa	1400	61.8	2264	61.7	2271
178.galgel	2900	50.3	5769	50.3	5771
179.art	2600	30.9	8404	30.9	8413
183.quake	1300	40.1	3244	40.1	3239
187.facerec	1900	73.2	2595	73.2	2594
188.amp	2200	128	1722	122	1797
189.lucas	2000	80.2	2493	80.2	2493
191.fma3d	2100	113	1863	113	1859
200.sixtrack	1100	114	962	114	962
301.apsi	2600	156	1665	156	1665

Hardware

CPU: Intel Core 2 Duo processor E6600
 CPU MHz: 2400
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
 CPU(s) orderable: 1
 Parallel: No
 Primary Cache: 32KB(I) + 32KB(D) on chip, per core
 Secondary Cache: 4096KB(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.amp: -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>