



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.earthquake	1300	44.7	2909	44.8	2902	
187.facerec	1900	89.8	2115	89.8	2117	
188.amp	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



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

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>