



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Fujitsu Siemens Computers
CELSIUS R540, Intel Xeon 5160 processor

SPECfp2000 = 2835
SPECfp_base2000 = 2823

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	40.4	3963	40.4	3963	
171.swim	3100	110	2808	110	2808	
172.mgrid	1800	103	1740	103	1740	
173.applu	2100	97.7	2150	97.7	2150	
177.mesa	1400	49.9	2808	49.6	2822	
178.galgel	2900	40.2	7211	40.2	7208	
179.art	2600	24.9	10433	24.9	10439	
183.earthquake	1300	40.2	3232	40.2	3232	
187.facerec	1900	61.4	3096	61.4	3096	
188.amp	2200	106	2071	100	2197	
189.lucas	2000	72.4	2762	72.4	2762	
191.fma3d	2100	99.5	2110	99.7	2107	
200.sixtrack	1100	91.6	1200	91.7	1200	
301.apsi	2600	163	1600	163	1599	

Hardware

CPU: Intel Xeon 5160 processor (3.0 GHz, 1333 MHz system bus)
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1,2 chips
Parallel: No
Primary Cache: 32KBI + 32KBD on chip, per core
Secondary Cache: 4096KB(I+D) on chip, per chip
L3 Cache: N/A
Other Cache: N/A
Memory: 4 GB (4x1 GB DDR2 5300F, 2rank, CL5-5-5, with ECC)
Disk Subsystem: Serial ATA 7200 rpm
Other Hardware:

Software

Operating System: Windows XP, 64 bit Edition
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: 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:

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 R540, Intel Xeon 5160 processor

SPECfp2000 = 2835
SPECfp_base2000 = 2823

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

Compilation was done in
Windows XP Professional, Service Pack 2

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