



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Fujitsu Siemens Computers
CELSIUS R540, Intel Xeon 5150 processor

SPECfp2000 = 2616
SPECfp_base2000 = 2605

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	42.4	3770	42.4	3770	
171.swim	3100	114	2731	114	2730	
172.mgrid	1800	112	1608	112	1608	
173.applu	2100	104	2029	104	2029	
177.mesa	1400	55.9	2506	55.6	2517	
178.galgel	2900	45.1	6424	45.2	6422	
179.art	2600	28.0	9280	28.0	9275	
183.quake	1300	41.8	3110	41.8	3110	
187.facerec	1900	67.8	2804	67.8	2804	
188.amp	2200	118	1868	112	1973	
189.lucas	2000	76.4	2618	76.4	2618	
191.fma3d	2100	107	1954	107	1954	
200.sixtrack	1100	103	1067	103	1067	
301.apsi	2600	175	1485	175	1485	

Hardware

CPU: Intel Xeon 5150 processor (2.66 GHz, 1333 MHz system bus)
CPU MHz: 2667
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 5150 processor

SPECfp2000 = 2616

SPECfp_base2000 = 2605

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Sep-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.quake: -fast +FDO shlw32M.lib
187.facerec: -fast +FDO
188.ampp: -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>