



CFP2000 Result

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Fujitsu Siemens Computers
PRIMERGY TX300 S2, 64-bit Intel Xeon 3.80 GHz

SPECfp2000 = 1933
SPECfp_base2000 = 1933

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Oct-2005 | Hardware Avail: Oct-2005 | Software Avail: Sep-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	58.4	2740	58.4	2740	
171.swim	3100	130	2386	130	2386	
172.mgrid	1800	114	1574	114	1574	
173.applu	2100	131	1598	131	1598	
177.mesa	1400	84.7	1652	84.7	1652	
178.galgel	2900	76.7	3783	76.7	3783	
179.art	2600	56.8	4575	56.8	4575	
183.earthquake	1300	46.2	2817	46.2	2817	
187.facerec	1900	97.3	1953	97.3	1953	
188.amp	2200	191	1155	191	1155	
189.lucas	2000	95.3	2100	95.3	2100	
191.fma3d	2100	137	1538	137	1538	
200.sixtrack	1100	145	758	145	758	
301.apsi	2600	187	1389	187	1389	

Hardware

CPU: 64-bit Intel Xeon processor 3.8GHz, 2MB L2, 800MHz system bus
CPU MHz: 3800
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1,2
Parallel: No
Primary Cache: 12k micro-ops I + 16KBD on chip
Secondary Cache: 2048KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 8x512 MB DDRII-RAM PC2-3200R
Disk Subsystem: Fujitsu MAS3367NC(SCSI U320, 15krpm)
Other Hardware: none

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1
Compiler: Intel C and Fortran Compiler 9.0 Build 20050722Z (for 32-bit applications), Microsoft Visual Studio .Net 2003 7.1.3088 (for libraries), SmartHeap Library Version 7.4 from <http://www.microquill.com>
File System: NTFS
System State: Default

Notes/Tuning Information

GENERAL

+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

Portability flags

178.galgel: -FI /F32000000

Base tuning flags

for Fortran programs: -fast -Qansi_alias +FDO shlw32M.lib
for C programs: -fast +FDO shlw32M.lib

Peak tuning flags

same as baseline (basepeak=true set globally)

New 32-bit Windows tools used, approved in May-2005

The system bus runs at 800 MHz



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Notes/Tuning Information (Continued)

This result was measured with 32-bit binaries using the 32-bit version of the operating system.

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