



CFP2000 Result

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Fujitsu Siemens Computers
PRIMERGY TX300 S2, 64-bit Intel Xeon 3.40 GHz

SPECfp_rate2000 = 21.2
SPECfp_rate_base2000 = 21.2

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	129	28.8	2	129	28.8
171.swim	2	252	28.6	2	252	28.6
172.mgrid	2	229	18.3	2	229	18.3
173.applu	2	306	15.9	2	306	15.9
177.mesa	2	184	17.6	2	184	17.6
178.galgel	2	193	34.9	2	193	34.9
179.art	2	160	37.8	2	160	37.8
183.quake	2	85.7	35.2	2	85.7	35.2
187.facerec	2	184	24.0	2	184	24.0
188.amp	2	371	13.8	2	371	13.8
189.lucas	2	225	20.7	2	225	20.7
191.fma3d	2	288	16.9	2	288	16.9
200.sixtrack	2	257	9.92	2	257	9.92
301.apsi	2	355	17.0	2	355	17.0

Hardware

CPU: 64-bit Intel Xeon processor 3.4GHz, 2MB L2, 800MHz system bus
 CPU MHz: 3400
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology enabled)
 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 MAS3184NC (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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