



CFP2000 Result

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Fujitsu Siemens Computers
PRIMERGY BX630, AMD Opteron (TM) 250

SPECfp_rate2000 = 17.8
SPECfp_rate_base2000 = 17.8

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

					Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio				
45	40	35	30	25	20	15	10	5	168.wupwise	1	66.5	27.9	1	66.5	27.9
									171.swim	1	170	21.1	1	170	21.1
									172.mgrid	1	125	16.7	1	125	16.7
									173.applu	1	164	14.9	1	164	14.9
									177.mesa	1	151	10.7	1	151	10.7
									178.galgel	1	115	29.3	1	115	29.3
									179.art	1	69.0	43.7	1	69.0	43.7
									183.equake	1	89.3	16.9	1	89.3	16.9
									187.facerec	1	112	19.6	1	112	19.6
									188.amp	1	205	12.5	1	205	12.5
									189.lucas	1	130	17.8	1	130	17.8
									191.fma3d	1	153	16.0	1	153	16.0
									200.sixtrack	1	151	8.44	1	151	8.44
									301.apsi	1	193	15.6	1	193	15.6

Hardware

CPU: AMD Opteron (TM) 250 processor (2.40 GHz)
CPU MHz: 2400
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip
CPU(s) orderable: 1,2
Parallel: No
Primary Cache: 64KBI + 64KBD on chip
Secondary Cache: 1024KB (I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 4x2048MB DDR-RAM PC3200R
Disk Subsystem: Seagate ST3160023AS (SATA, 7.2krpm)
Other Hardware: None

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1
Compiler: PGI Fortran compiler 6.0-4 for Windows XP, PGI C compiler 6.0-4 for Windows XP
File System: NTFS
System State: Default

Notes/Tuning Information

GENERAL

+FDO: PASS1=-Mpfi PASS2=-Mpfo
ONESTEP is set to 1 for every compile with the PGI compilers.

Portability flags

178.galgel: -Mfixed

Base tuning flags

for Fortran programs: -fastsse -Mipa=fast,inline +FDO
for C programs: -fastsse -Mipa=fast,inline

Peak tuning flags

same as baseline (basepeak=yes set globally)

boot options: /NoExecute=alwaysoff



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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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