



CFP2000 Result

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Fujitsu Siemens Computers

PRIMERGY Econel 100, Intel Pentium 4 processor 630, 3GHz

SPECfp2000 = 1758

SPECfp_base2000 = 1758

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	64.5	2480	64.5	2480	
171.swim	3100	119	2602	119	2602	
172.mgrid	1800	130	1384	130	1384	
173.applu	2100	144	1458	144	1458	
177.mesa	1400	106	1320	106	1320	
178.galgel	2900	90.7	3198	90.7	3198	
179.art	2600	57.5	4522	57.5	4522	
183.earth	1300	48.9	2656	48.9	2656	
187.facerec	1900	104	1834	104	1834	
188.amp	2200	206	1067	206	1067	
189.lucas	2000	95.7	2090	95.7	2090	
191.fma3d	2100	149	1407	149	1407	
200.sixtrack	1100	184	597	184	597	
301.apsi	2600	219	1190	219	1190	

Hardware

CPU: Intel Pentium 4 processor 630, 3GHz, 800MHz system bus
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1
Parallel: No
Primary Cache: 12k micro-ops I + 16KBD on chip
Secondary Cache: 2 MB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 4x2 GB DDR2-SDRAM PC2-4200
Disk Subsystem: Seagate ST3160023AS (SATA, 7.2krpm)
Other Hardware:

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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