



CFP2000 Result

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Fujitsu Siemens Computers

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

SPECfp_rate2000 = 20.4

SPECfp_rate_base2000 = 20.4

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	1	64.5	28.8	1	64.5	28.8
171.swim	1	119	30.2	1	119	30.2
172.mgrid	1	130	16.1	1	130	16.1
173.applu	1	144	16.9	1	144	16.9
177.mesa	1	106	15.3	1	106	15.3
178.galgel	1	90.7	37.1	1	90.7	37.1
179.art	1	57.5	52.5	1	57.5	52.5
183.quake	1	48.9	30.8	1	48.9	30.8
187.facerec	1	104	21.3	1	104	21.3
188.amp	1	206	12.4	1	206	12.4
189.lucas	1	95.7	24.2	1	95.7	24.2
191.fma3d	1	149	16.3	1	149	16.3
200.sixtrack	1	184	6.92	1	184	6.92
301.apsi	1	219	13.8	1	219	13.8

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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