



CFP2000 Result

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Dell
PowerEdge 840 (Intel Xeon processor 3050, 2.13GHz)

SPECfp_rate2000 = 37.5
SPECfp_rate_base2000 = 37.5

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Jul-2006 | Hardware Avail: Sep-2006 | Software Avail: May-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	54.3	68.3	2	54.3	68.3
171.swim	2	217	33.2	2	217	33.2
172.mgrid	2	151	27.6	2	151	27.6
173.applu	2	174	28.0	2	174	28.0
177.mesa	2	67.6	48.1	2	67.6	48.1
178.galgel	2	109	61.9	2	109	61.9
179.art	2	92.6	65.1	2	92.6	65.1
183.equake	2	67.1	44.9	2	67.0	45.0
187.facerec	2	101	43.6	2	102	43.4
188.amp	2	212	24.1	2	216	23.6
189.lucas	2	135	34.3	2	135	34.3
191.fma3d	2	153	31.8	2	153	31.8
200.sixtrack	2	132	19.3	2	132	19.3
301.apsi	2	186	32.4	2	186	32.4

Hardware

CPU: Intel Xeon processor 3050 (1066MHz system bus)
CPU MHz: 2133
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip, per core
Secondary Cache: 2048KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 4 x 1GB DDR2-667 Dual Ranked SDRAM
Disk Subsystem: 1 x 73GB SAS 10000 RPM
Other Hardware: None

Software

Operating System: Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-bit)
Compiler: Intel C++ Compiler 9.1 for IA32(20060323Z)
Intel Fortran Compiler 9.1 for IA32(20060323Z)
Microsoft Visual Studio .NET 2003(7.1.3088)
MicroQuill SmartHeap Library 8.0
File System: NTFS
System State: Default

Notes/Tuning Information

GENERAL

ONESTEP=yes
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

PORTABILITY

178.galgel: -FI /F32000000

BASE TUNING

FORTRAN: -fast -Qansi_alias +FDO
177.mesa: -fast +FDO shlW32M.lib
179.art: -fast +FDO shlW32M.lib
183.equake: -fast +FDO shlW32M.lib
188.amp: -fast +FDO shlW32M.lib

PEAK TUNING

168.wupwise: basepeak=yes
171.swim: basepeak=yes
172.mgrid: basepeak=yes
173.applu: basepeak=yes
177.mesa: basepeak=yes



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Notes/Tuning Information (Continued)

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178.galgel: basepeak=yes
179.art: basepeak=yes
183.quake: -fast -Oa -Qrcd +FDO shlW32M.lib
187.facerec: -fast -Qunroll11 -Qscalar_rep- +FDO
188.amp: -fast -Oa shlW32M.lib
189.lucas: basepeak=yes
191.fma3d: basepeak=yes
200.sixtrack: -fast +FDO
301.apsi: basepeak=yes
```