



CFP2000 Result

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Dell

PowerEdge 840 (Intel Xeon processor 3060, 2.40GHz)

SPECfp_rate2000 = 44.7

SPECfp_rate_base2000 = 44.7

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	51.7	71.8	2	51.7	71.8
171.swim	2	212	33.9	2	212	33.9
172.mgrid	2	137	30.4	2	137	30.4
173.applu	2	166	29.4	2	166	29.4
177.mesa	2	60.3	53.8	2	60.3	53.8
178.galgel	2	63.9	105	2	63.9	105
179.art	2	49.2	123	2	49.2	123
183.equake	2	63.0	47.8	2	63.0	47.8
187.facerec	2	86.1	51.2	2	85.7	51.4
188.amp	2	148	34.4	2	148	34.6
189.lucas	2	129	35.9	2	129	35.9
191.fma3d	2	143	34.1	2	143	34.1
200.sixtrack	2	116	22.0	2	116	22.1
301.apsi	2	165	36.6	2	165	36.6

Hardware

CPU: Intel Xeon processor 3060 (1066MHz system bus)
 CPU MHz: 2400
 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: 4096KB(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
```