



CFP2000 Result

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Dell

PowerEdge 860 (Intel Xeon processor 3060, 2.40GHz)

SPECfp_rate2000 = 44.3

SPECfp_rate_base2000 = 44.4

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	53.7	69.1	2	53.7	69.1
171.swim	2	221	32.6	2	221	32.6
172.mgrid	2	144	29.1	2	144	29.1
173.applu	2	164	29.7	2	164	29.7
177.mesa	2	59.7	54.4	2	59.7	54.4
178.galgel	2	62.2	108	2	62.2	108
179.art	2	49.6	122	2	49.6	122
183.equake	2	63.2	47.7	2	63.4	47.6
187.facerec	2	85.1	51.8	2	85.3	51.7
188.amp	2	152	33.6	2	153	33.4
189.lucas	2	129	36.0	2	129	36.0
191.fma3d	2	142	34.2	2	142	34.2
200.sixtrack	2	116	22.1	2	116	22.1
301.apsi	2	166	36.3	2	166	36.3

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
```