



CFP2000 Result

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Dell
PowerEdge 1855(3.6 GHz Intel Xeon)

SPECfp_rate2000 = 25.2

SPECfp_rate_base2000 = 25.2

SPEC license #: 55 | Tested by: Dell Inc., Round Rock, TX | Test date: Oct-2004 | Hardware Avail: Nov-2004 | Software Avail: Nov-2004

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	77.6	47.8	2	77.6	47.8
171.swim	2	273	26.3	2	273	26.3
172.mgrid	2	180	23.1	2	180	23.1
173.applu	2	228	21.4	2	236	20.6
177.mesa	2	89.1	36.5	2	89.1	36.5
178.galgel	2	196	34.4	2	196	34.4
179.art	2	421	14.3	2	412	14.6
183.quake	2	116	26.1	2	116	26.1
187.facerec	2	134	32.8	2	133	33.2
188.amp	2	248	20.6	2	248	20.6
189.lucas	2	185	25.1	2	183	25.4
191.fma3d	2	196	24.8	2	196	24.8
200.sixtrack	2	170	15.0	2	170	15.0
301.apsi	2	270	22.3	2	270	22.3

Hardware

CPU: Intel Xeon (3.6 GHz, 1MB L2, 800MHz system bus)
 CPU MHz: 3600
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip (HT Technology disabled)
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 12K(I) micro-ops + 16KB(D) on chip
 Secondary Cache: 1024KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4x512MB (dual-ranked) ECC DDR2-400 SDRAM
 Disk Subsystem: 1 x 36GB 15000 RPM SCSI
 Other Hardware: None

Software

Operating System: Windows 2003 Server, Standard Edition
 Compiler: Intel C/C++ Compiler 8.0 (20040318Z)
 Intel Fortran Compiler 8.0 (20040304Z)
 Microsoft Visual Studio .NET (7.0.9466)
 File System: NTFS
 System State: Default

Notes/Tuning Information

GENERAL

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

PORTABILITY

178.galgel: -FI /F3200000

BASE TUNING

C/F77/F90: -QxP -Qipo -O3 +FDO

PEAK TUNING

168.wupwise: basepeak=yes
 171.swim: basepeak=yes
 172.mgrid: basepeak=yes
 173.applu: -QxP -Qipo -O3 -Qscalar_rep- -Qauto +FDO
 177.mesa: -QxP -Qipo -O3 -Oa +FDO
 178.galgel: basepeak=yes
 179.art: -Qipo -Oa -Qunroll4 -Zp4
 183.quake: -QxP -Qipo -O3 -Oa -Qrcd +FDO
 187.facerec: -QaxP -Qipo -O3 -Qunroll1 -Qscalar_rep- +FDO



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Notes/Tuning Information (Continued)

188. ammp: basepeak=yes
189. lucas: -QaxP -Qipo -O3
191. fma3d: basepeak=yes
200. sixtrack: basepeak=yes
301. apsi: basepeak=yes