



CFP2000 Result

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Dell
PowerEdgeSC 1425(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	77.5	47.9	2	77.5	47.9
171.swim	2	273	26.3	2	273	26.3
172.mgrid	2	180	23.1	2	180	23.1
173.applu	2	226	21.5	2	236	20.7
177.mesa	2	89.5	36.3	2	89.0	36.5
178.galgel	2	195	34.5	2	195	34.5
179.art	2	421	14.3	2	417	14.5
183.quake	2	116	26.1	2	116	26.1
187.facerec	2	133	33.1	2	133	33.3
188.amp	2	247	20.6	2	247	20.6
189.lucas	2	184	25.2	2	183	25.4
191.fma3d	2	196	24.9	2	196	24.9
200.sixtrack	2	170	15.0	2	170	15.0
301.apsi	2	268	22.5	2	268	22.5

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 15000RPM 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