



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
PowerEdge 2850 (3.6GHz, Intel Xeon)

SPECfp2000 = **1455**
SPECfp_base2000 = **1450**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
168.wupwise	1600	69.4	2305	69.4	2305	[Bar chart showing ratio 2305]			
171.swim	3100	140	2208	140	2208	[Bar chart showing ratio 2208]			
172.mgrid	1800	135	1332	135	1332	[Bar chart showing ratio 1332]			
173.applu	2100	151	1394	146	1439	[Bar chart showing ratio 1439]			
177.mesa	1400	89.1	1571	89.1	1571	[Bar chart showing ratio 1571]			
178.galgel	2900	130	2231	130	2231	[Bar chart showing ratio 2231]			
179.art	2600	268	970	267	974	[Bar chart showing ratio 974]			
183.quake	1300	78.0	1666	78.0	1666	[Bar chart showing ratio 1666]			
187.facerec	1900	108	1753	109	1745	[Bar chart showing ratio 1745]			
188.amp	2200	225	978	225	978	[Bar chart showing ratio 978]			
189.lucas	2000	101	1971	99.7	2007	[Bar chart showing ratio 2007]			
191.fma3d	2100	149	1408	149	1408	[Bar chart showing ratio 1408]			
200.sixtrack	1100	170	646	170	646	[Bar chart showing ratio 646]			
301.apsi	2600	236	1103	236	1103	[Bar chart showing ratio 1103]			

Hardware

CPU: Intel Xeon (3.6GHz, 1MB L2, 800MHz bus)
 CPU MHz: 3600
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip (HT Technology disabled)
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 16K(I) micro-ops + 16KB(D) on chip
 Secondary Cache: 1024KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4 x 2GB ECC DDR2-400 SDRAM
 Disk Subsystem: 1x18.2GB 15K Ultra320 SCSI
 Other Hardware:

Software

Operating System: Windows Enterprise Server 2003
 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



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
PowerEdge 2850 (3.6GHz, Intel Xeon)

SPECfp2000 = 1455

SPECfp_base2000 = 1450

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

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