



CFP2000 Result

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Dell
PowerEdge 1855(3.6 GHz Intel Xeon)

SPECfp2000 = **1489**

SPECfp_base2000 = **1485**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
168.wupwise	1600	68.3	2344	68.3	2344	[Bar chart showing ratio 2344]			
171.swim	3100	137	2269	137	2269	[Bar chart showing ratio 2269]			
172.mgrid	1800	133	1356	133	1356	[Bar chart showing ratio 1356]			
173.applu	2100	146	1439	142	1474	[Bar chart showing ratio 1474]			
177.mesa	1400	88.9	1575	88.9	1575	[Bar chart showing ratio 1575]			
178.galgel	2900	124	2338	124	2338	[Bar chart showing ratio 2338]			
179.art	2600	257	1011	258	1009	[Bar chart showing ratio 1009]			
183.quake	1300	72.5	1794	72.5	1794	[Bar chart showing ratio 1794]			
187.facerec	1900	108	1762	108	1754	[Bar chart showing ratio 1754]			
188.amp	2200	225	979	225	979	[Bar chart showing ratio 979]			
189.lucas	2000	99.5	2009	97.1	2060	[Bar chart showing ratio 2060]			
191.fma3d	2100	145	1444	145	1444	[Bar chart showing ratio 1444]			
200.sixtrack	1100	169	649	169	649	[Bar chart showing ratio 649]			
301.apsi	2600	231	1124	231	1124	[Bar chart showing ratio 1124]			

Hardware

CPU: Intel Xeon (3.6 GHz, 1MB L2, 800MHz system 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: 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