



CFP2000 Result

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Dell
PowerEdge 6850 (3.66GHz Intel Xeon)

SPECfp2000 = **1303**
SPECfp_base2000 = **1300**

SPEC license #: 55 Tested by: Dell, Round Rock, TX Test date: Mar-2005 Hardware Avail: Mar-2005 Software Avail: Nov-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	74.7	2142	74.7	2142	
171.swim	3100	185	1679	185	1679	
172.mgrid	1800	133	1353	133	1353	
173.applu	2100	164	1278	164	1278	
177.mesa	1400	91.5	1529	91.5	1529	
178.galgel	2900	152	1902	152	1902	
179.art	2600	137	1899	137	1899	
183.quake	1300	99.8	1303	99.6	1305	
187.facerec	1900	167	1139	167	1141	
188.amp	2200	300	734	293	750	
189.lucas	2000	170	1175	171	1172	
191.fma3d	2100	172	1224	172	1224	
200.sixtrack	1100	170	646	169	653	
301.apsi	2600	230	1133	230	1133	

Hardware

CPU: Intel Xeon (3.66GHz, 1MB L2, 667MHz system bus)
CPU MHz: 3660
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1,2,3,4
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: 8x2GB (dual-ranked) ECC DDR2-400 SDRAM
Disk Subsystem: 1 x 36GB 15000RPM SCSI
Other Hardware: None

Software

Operating System: Windows 2003 Server, Enterprise Edition
Compiler: Intel C/C++ Compiler 8.1 (20041119Z)
Intel Fortran Compiler 8.1 (20041119Z)
Microsoft Visual Studio .NET 2003(7.1.3088, for libraries)
File System: NTFS
System State: Default

Notes/Tuning Information

GENERAL

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

PORTABILITY

178.galgel: -FI /F3200000
191.fma3d: srcalt=windowsdp

BASE TUNING

C/F77/F90: -fast -Qansi_alias +FDO

PEAK TUNING

168.wupwise: basepeak=yes
171.swim: basepeak=yes
172.mgrid: basepeak=yes
173.applu: -fast -Qansi_alias -Qscalar_rep- -Qauto +FDO
177.mesa: basepeak=yes
178.galgel: basepeak=yes
179.art: basepeak=yes
183.quake: -fast -Qansi_alias -Oa -Qrcd +FDO



CFP2000 Result

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Dell
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SPECfp2000 = 1303

SPECfp_base2000 = 1300

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Mar-2005 | Hardware Avail: Mar-2005 | Software Avail: Nov-2004

Notes/Tuning Information (Continued)

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187.facerec: -fast -Qunroll11 -Qscalar_rep- +FDO
188.amp: -Oa -QxP
189.lucas: -fast
191.fma3d: basepeak=yes
200.sixtrack: -QxP -Qipo +FDO
301.apsi: basepeak=yes
```

This result was measured on the Dell PowerEdge 6850.
The PowerEdge 6800 and PowerEdge 6850 are electronically equivalent.