



CFP2000 Result

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Dell
PowerEdge 1750 (3.06 GHz Xeon)

SPECfp2000 = 1152

SPECfp_base2000 = 1140

SPEC license #: 55 Tested by: Dell, Round Rock, TX Test date: Jun-2003 Hardware Avail: Jul-2003 Software Avail: Apr-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	111	1443	111	1445	
171.swim	3100	186	1671	186	1669	
172.mgrid	1800	154	1167	154	1169	
173.applu	2100	193	1086	193	1089	
177.mesa	1400	112	1251	111	1267	
178.galgel	2900	160	1812	160	1810	
179.art	2600	300	866	292	889	
183.quake	1300	114	1138	108	1200	
187.facerec	1900	135	1408	132	1443	
188.amp	2200	285	771	284	775	
189.lucas	2000	145	1376	144	1385	
191.fma3d	2100	186	1129	186	1129	
200.sixtrack	1100	197	557	193	569	
301.apsi	2600	268	971	268	970	

Hardware

CPU: Intel Pentium Xeon (533 MHz system bus)
 CPU MHz: 3066
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 12K(I) micro-ops + 8KB(D) on chip
 Secondary Cache: 512KB(I+D) on chip
 L3 Cache: 1024KB(I+D) on chip
 Other Cache: N/A
 Memory: 4 X 512MB DDR266
 Disk Subsystem: 1 x 17GB Ultra3 Seagate SCSI
 Other Hardware:

Software

Operating System: Windows 2000 Server (SP2)
 Compiler: Intel C++ Compiler 7.1 (20030402Z)
 Intel Fortran Compiler 7.1 (20030402Z)
 Microsoft Visual Studio .NET (7.0.9466)
 File System: NTFS
 System State: Default

Notes/Tuning Information

PORTABILITY

178.galgel: -FI /F32000000

FEEDBACK DIRECTED OPTIMIZATION

FDO: PASS1= -Qprof_gen PASS2=-Qprof_use

BASE TUNING

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

PEAK TUNING

168.wupwise: -Qipo -QxW -O3 +FDO

171.swim: -Qipo -QxW -O3 +FDO

172.mgrid: -Qipo -QaxW -O3 +FDO

173.applu: -Qipo -QxW -O3 -Qscalar_rep- -Qauto +FDO

177.mesa: PASS1= -Qprof_gen PASS2= -Qipo -Qprof_use -QxW -O3 -Oa

178.galgel: -Qipo -QxW -O3 +FDO

179.art: -Oa -Qipo -Qunroll4 -Zp4

183.quake: -QxW -Oa -Qrcd -Qipo +FDO

187.facerec: -O3 -QaxW -Qipo -Qunroll11 -Qscalar_rep- +FDO

188.amp: -Oa -QxW



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Dell
PowerEdge 1750 (3.06 GHz Xeon)

SPECfp2000 =	1152
SPECfp_base2000 =	1140

SPEC license #:	55	Tested by:	Dell, Round Rock, TX	Test date:	Jun-2003	Hardware Avail:	Jul-2003	Software Avail:	Apr-2003
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Notes/Tuning Information (Continued)

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189.lucas: -Qipo -QaxW
191.fma3d:  basepeak=yes
200.sixtrack: -Qipo -QxW +FDO
301.apsi: -Qipo -QxW -O3 +FDO
ONESTEP=YES is set for all benchmarks
```