



CFP2000 Result

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Dell
PowerEdge 1750 (3.06 GHz Xeon)

SPECfp_rate2000 = 17.4

SPECfp_rate_base2000 = 17.3

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	123	30.3	2	123	30.1
171.swim	2	383	18.8	2	383	18.8
172.mgrid	2	308	13.5	2	308	13.5
173.applu	2	312	15.6	2	311	15.7
177.mesa	2	114	28.4	2	113	28.7
178.galgel	2	272	24.7	2	272	24.8
179.art	2	815	7.40	2	776	7.77
183.quake	2	163	18.6	2	161	18.7
187.facerec	2	173	25.5	2	170	26.0
188.amp	2	465	11.0	2	462	11.0
189.lucas	2	247	18.8	2	247	18.8
191.fma3d	2	248	19.6	2	248	19.6
200.sixtrack	2	198	12.9	2	193	13.2
301.apsi	2	438	13.8	2	437	13.8

Hardware

CPU: Intel Pentium Xeon (533 MHz system bus)
CPU MHz: 3066
FPU: Integrated
CPU(s) enabled: 2 cores, 2 chips, 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: N/A
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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Notes/Tuning Information (Continued)

```
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
```