



CFP2000 Result

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Dell
PowerEdge 1750 (3.06 GHz Xeon)

SPECfp_rate2000 = 13.4

SPECfp_rate_base2000 = 13.2

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	1	111	16.7	1	111	16.8
171.swim	1	186	19.4	1	186	19.4
172.mgrid	1	154	13.5	1	154	13.6
173.applu	1	193	12.6	1	193	12.6
177.mesa	1	112	14.5	1	111	14.7
178.galgel	1	160	21.0	1	160	21.0
179.art	1	300	10.0	1	292	10.3
183.quake	1	114	13.2	1	108	13.9
187.facerec	1	135	16.3	1	132	16.7
188.amp	1	285	8.95	1	284	8.99
189.lucas	1	145	16.0	1	144	16.1
191.fma3d	1	186	13.1	1	186	13.1
200.sixtrack	1	197	6.47	1	193	6.60
301.apsi	1	268	11.3	1	268	11.3

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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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
```