



CFP2000 Result

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Dell
PowerEdge 4400 (1.0 GHz PIII Xeon)

SPECfp2000 = **317**

SPECfp_base2000 = **302**

SPEC license #: 55 Tested by: Dell, Round Rock, TX Test date: Oct-2001 Hardware Avail: May-2001 Software Avail: Jun-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	400	400	397	403	
171.swim	3100	963	322	913	340	
172.mgrid	1800	827	218	799	225	
173.applu	2100	862	243	851	247	
177.mesa	1400	258	544	254	552	
178.galgel	2900	782	371	741	391	
179.art	2600	783	332	833	312	
183.earthquake	1300	651	200	450	289	
187.facerec	1900	506	375	499	381	
188.amp	2200	736	299	727	303	
189.lucas	2000	667	300	649	308	
191.fma3d	2100	661	318	640	328	
200.sixtrack	1100	668	165	667	165	
301.apsi	2600	790	329	715	364	

Hardware

CPU: Intel PentiumIII Xeon
 CPU MHz: 1000
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1, 2
 Parallel: No
 Primary Cache: 16KB(I) + 16KB(D) on chip
 Secondary Cache: 256KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4GB (8 x 512MB SDRAM)
 Disk Subsystem: 1 x 18GB Seagate Ultra-III
 Other Hardware:

Software

Operating System: Windows 2000 Server (SP2)
 Compiler: Intel C++ and Fortran Compiler 5.0.1 (010727Z)
 Microsoft Visual C++ 6.0 (SP5)
 MicroQuill SmartHeap Library 5.0
 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 +FDO /QxK /O3

PEAK TUNING

168.wupwise: /Qipo +FDO /QxK /O3

171.swim: /Qipo +FDO /QxK /O3

172.mgrid: /Qipo +FDO /QaxK /O3

173.applu: /Qipo +FDO /QxK /O3

177.mesa: -Qipo +FDO -QxK -O3 -Oa shlW32M.lib

178.galgel: /Qipo +FDO /QxK /O3 shlW32M.lib

179.art: -Qipo +FDO -QxK -O3 shlW32M.lib

183.earthquake: -Qipo +FDO -QxK -Qrcd -Oa shlW32M.lib

187.facerec: /Qipo +FDO /QxK /O3 shlW32M.lib

188.amp: -Qipo +FDO -QxK -O3 -Oa



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Notes/Tuning Information (Continued)

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189.lucas: /Qipo +FDO /QxK /O3 shlw32M.lib
191.fma3d: /Qipo +FDO /QxK /O3
200.sixtrack: /Qipo +FDO /QxK /O3
301.apsi: /Qipo +FDO /QxK
EXTRA LIBRARIES
shlw32M.lib: MicroQuill SmartHeap Library 5.0
www.microquill.com
LIBRARY ORDERING
178.galgel, 187.facerec, 189.lucas:
libIEPCF90.lib libintrins.lib libF90.lib libqwin.lib
libm.lib shlw32M.lib LIBC.lib libirc.lib OLDNAMES.lib
/numprocs=1 was added to c:\boot.ini file to disable additional CPUs on this system
```