



CFP2000 Result

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Dell
Precision WorkStation 530 (1.5 GHz Xeon)

SPECfp2000 = **629**
SPECfp_base2000 = **615**

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	199	803	198	808	
171.swim	3100	240	1293	240	1294	
172.mgrid	1800	307	587	294	612	
173.applu	2100	297	707	294	715	
177.mesa	1400	225	622	228	614	
178.galgel	2900	364	796	364	797	
179.art	2600	483	538	481	540	
183.quake	1300	183	711	154	846	
187.facerec	1900	277	686	285	666	
188.amp	2200	608	362	587	375	
189.lucas	2000	234	855	224	894	
191.fma3d	2100	410	512	410	512	
200.sixtrack	1100	399	276	383	287	
301.apsi	2600	577	450	569	457	

Hardware

CPU: Intel Xeon
 CPU MHz: 1500
 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: 256KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 2 x 128MB PC800 ECC RDRAM
 Disk Subsystem: 1 x 9GB Fujitsu 10K U160
 Other Hardware:

Software

Operating System: Windows 2000 Professional (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 /QxW /O3
 PEAK TUNING
 168.wupwise: /Qipo +FDO /QxW /Qprefetch
 171.swim: /Qipo +FDO /QxW /O3
 172.mgrid: /Qipo +FDO /QaxW /O3
 173.applu: /Qipo +FDO /QxW /O3 /Qscalar_rep- /Qauto
 177.mesa: -Qwp_ipo +FDO -QxW -Qunroll10
 178.galgel: /Qipo +FDO /QxW /O3
 179.art: -Qipo +FDO -QxW -O3 shlW32M.lib
 183.quake: -Qwp_ipo +FDO -QxW -Oa shlW32M.lib
 187.facerec: /Qipo +FDO /QxW /O3 shlW32M.lib
 188.amp: -Qipo +FDO -QaxW -Oa



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Notes/Tuning Information (Continued)

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189.lucas: /Qipo /QxW /Qunroll10
191.fma3d: /Qipo +FDO /QxW /O3
200.sixtrack: /Qipo +FDO /QxW
301.apsi: /Qipo /QxW /O3
EXTRA LIBRARIES
shlW32M.lib: MicroQuill SmartHeap Library 5.0
www.microquill.com
LIBRARY ORDERING
187.facerec: libIEPCF90.lib libintrins.lib libF90.lib libqwin.lib
libm.lib shlW32M.lib LIBC.lib libirc.lib OLDNAMES.lib

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