



CFP2000 Result

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Dell
Precision WorkStation 530 (2.0 GHz Xeon)

SPECfp2000 = **734**
SPECfp_base2000 = **716**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	164	976	163	984	
171.swim	3100	236	1313	236	1313	
172.mgrid	1800	254	708	248	726	
173.applu	2100	262	801	261	806	
177.mesa	1400	173	810	175	800	
178.galgel	2900	319	908	320	908	
179.art	2600	475	547	474	549	
183.quake	1300	166	783	131	996	
187.facerec	1900	226	841	232	820	
188.amp	2200	539	408	523	420	
189.lucas	2000	206	973	198	1008	
191.fma3d	2100	333	630	333	630	
200.sixtrack	1100	300	366	289	380	
301.apsi	2600	497	523	492	529	

Hardware

CPU: Intel Xeon
 CPU MHz: 2000
 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

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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
```