



CFP2000 Result

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Dell
Precision WorkStation 530 (2.2 GHz Xeon)

SPECfp_rate2000 = 13.6
SPECfp_rate_base2000 = 13.2

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Jan-2002 | Hardware Avail: Jan-2002 | Software Avail: Jun-2001

24	21	18	15	12	9	6	3	Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
								168.wupwise	2	169	22.0	2	166	22.4
								171.swim	2	475	15.2	2	475	15.2
								172.mgrid	2	397	10.5	2	396	10.5
								173.applu	2	381	12.8	2	380	12.8
								177.mesa	2	160	20.3	2	162	20.1
								178.galgel	2	385	17.5	2	385	17.5
								179.art	2	992	6.08	2	980	6.15
								183.quake	2	244	12.4	2	164	18.4
								187.facerec	2	224	19.7	2	232	19.0
								188.amp	2	549	9.30	2	532	9.60
								189.lucas	2	299	15.5	2	298	15.6
								191.fma3d	2	380	12.8	2	380	12.8
								200.sixtrack	2	275	9.28	2	265	9.64
								301.apsi	2	522	11.6	2	515	11.7

Hardware

CPU: Intel Xeon
 CPU MHz: 2200
 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: 2 x 256MB 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
```