



CFP2000 Result

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Dell
Precision WorkStation 530 (2.0 GHz Xeon)

SPECfp_rate2000 = 13.2
SPECfp_rate_base2000 = 12.8

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

					Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio			
24	21	18	15	12	9	6	3	168.wupwise	2	178	20.9	2	175	21.2
								171.swim	2	475	15.1	2	475	15.2
								172.mgrid	2	397	10.5	2	398	10.5
								173.applu	2	385	12.7	2	383	12.7
								177.mesa	2	174	18.7	2	176	18.5
								178.galgel	2	396	17.0	2	396	17.0
								179.art	2	992	6.08	2	980	6.15
								183.quake	2	246	12.3	2	166	18.2
								187.facerec	2	234	18.8	2	244	18.1
								188.amp	2	565	9.03	2	547	9.33
								189.lucas	2	303	15.3	2	304	15.3
								191.fma3d	2	400	12.2	2	393	12.4
								200.sixtrack	2	301	8.48	2	290	8.81
								301.apsi	2	538	11.2	2	532	11.3

Hardware

CPU: Intel Xeon
 CPU MHz: 2000
 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

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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
```